Pipe data, Dili

		-		Input Data					Results			
					Type Pipe: P Pump PM	Roughness Coeff.	Length(m)	Diameter(m)			Correct of	
NO	Pipe Name	Start Node	End Node	Demand	Valve : V Red. V : VA	Coeff. A Loss Coeff.	Coeff. B	Coeff. C Diameter(m)	Flow (m ³ /s)	Head Loss	Veloc. (m/s)	Loss Coeff.
1. C				(m³/s)	Fix Head : E	Start(S)/End(E)	Head(m)	Diameter(m)		(m)		
1		N6	N1	0.00000	Fix Flow : J P	Head Loss (m) 120.0	166.7	0.050	0.00119	2.12	0.60	
2	P12	N14	N15	0.00000	P	120.0	120.8	0.080	-0.00027	-0.01	-0.05	
. 3	P13	N15	N16		P P	120.0	756.3 91.2	0.080	-0.00041 0.00041	-0.14 0.02	-0.08 0.08	
4	P14 P15	N16 N17	N17 N18		P P	120.0 120.0	138.5	0.080	0.00041	0.02	0.08	
6	P16	N16	N19		P	120.0	646.9	0.080	-0.00186	-1.91	-0.37	
7	P17 P18	N19 N6	N20 N21		P P	120.0 120.0	706.4	0.080	-0.00186 -0.00194	-2.09 -2.32	-0.37	
9	P23	N21	N26		Р	120.0	88.4	0.080	-0.00194	-0.28	-0.39	
10 11	P24 P25	N26 N28	N27 N29		P P	120.0 120.0	66.1 40.6	0.080	-0.00201 -0.00373	-0.23	-0.40 -0.74	
12	P25	N29	N30		P	120.0	410.3	0.080	-0.00490	-7.30	-0.97	
13	P27	N30	N31		P P	120.0 120.0	38.2 97.6	0.080	-0.00799 0.00166	-1.68 0.24	-1.59 0.33	
14	P28 P30	N32 N27	N33 N36		P P	120.0	374.4	0.080	-0.00208	-1.37	-0.41	
16	P31	N36	N28		P	120.0	274.7	0.080	-0.00284	-1.78	-0.56	
17	P33 P34	N37 N38	N38 N39		P P	120.0 120.0	69.9 86.6	0.080	0.00454 0.00426	1.08	0.90	
19	P35	N39	N40		Р	120.0	147.0	0.080	0.00385	1.68	0.77	
20	P36 P38	N35 N42	N41 N34		P P	120.0 120.0	23.2 52.8	0.080	0.00048 -0.00210	0.01	0.10	
22	P39	N43	N20		Р	120.0	170.9	0.080	0.00323	1.41	0.64	
23 24	P40 P41	N44 N45	N45 N46		P P	120.0 120.0	16.4 139.9	0.080	-0.00168 0.00062	-0.04 0.05	-0.33 0.12	
25	P41 P42	N45 N46	N46 N47		P	120.0	18.8	0.080	0.00055	0.01	0.11	
26	P43	N47	N48		P	120.0	108.8	0.080	0.00034	0.01	0.07	
27	P44 P45	N48 N50	N49 N51		P P	120.0 120.0	201.8 125.3	0.080	0.00007 -0.00034	0.00	0.01	
29	P46	N51	N52		P	120.0	39.4	0.080	-0.00096	-0.03	-0.19	
30 31	P47 P48	N52 N53	N53 N54		P P	120.0 120.0	40.1 475.4	0.080	-0.00103 0.00736	-0.04 17.94	-0.21 1.46	
32	P49	N54	N55		Р	120.0	117.3	0.080	0.00110	0.13	0.22	
33	P50 P51	N54 N56	N56 N57		P P	120.0 120.0	30.6	0.080	0.00481	0.53	0.96	
35	P51 P52	N57	N57		P	120.0	1112.0	0.080	0.00323	5.84	1.30	
36	P53	N58	N59		P	120.0	15.7	0.050	0.00220	0.63	1.12	
37 38	P54 P55	N59 N60	N60 N61		P P	120.0 120.0	155.4	0.050	0.00213 0.00078	5.85 0.91	1.09 0.40	
39	P56	N61	N62		P	120.0	83.5	0.050	0.00044	0.17	0.22	
40	P57 P58	N62 N63	N63 N60		P P	120.0 120.0	154.2 89.8	0.050	-0.00004 -0.00114	0.00	-0.02 -0.58	
42	P59	N56	N64		Р	120.0	12.5	0.080	0.00144	0.02	0.29	
43	P60 P61	N64 N64	N65 N66		P P	120.0 120.0	86.6 53.8	0.080	0.00069 0.00076	0.04	0.14 0.15	
45	P62	N53	N67		P	120.0	15.4	0.080	0.00117	0.03	0.13	
46 47	P63	N67	N68	0.00000	P P	120.0	104.6 24.8	0.100	0.00089 0.00000	0.03	0.11 0.00	
4/	P69 P75	N74 N80	NV7_1 N81	0.00000	P P	120.0 120.0	24.8	0.200 0.300	0.00000	0.00 0.19	0.00	+
49	P78	N82	N84		P	120.0	178.8	0.080	0.01058	13.22	2.10	
50 51	P79 P80	N84 N84	N85 N86		P P	120.0 120.0	220.1 440.7	0.080	0.00110 0.00096	0.25	0.22 0.19	
52	P85	N41	N89		Р	120.0	41.9	0.080	0.00048	0.01	0.10	
53 54	P87 P88	N90 N90	N91 N42		P P	120.0 120.0	55.7 41.5	0.080	-0.00127 -0.00210	-0.08	-0.25 -0.42	
55	P92	N34	N93		Р	120.0	262.6	0.080	-0.00251	-1.36	-0.50	
56	P93	N93	N33 N94		P ·	120.0 120.0	56.2	0.080	-0.00286 -0.00695	-0.37 -11.08	-0.57 -1.38	
57 58	P94 P95	N35 N94	N94 N95		P P	120.0	326.5 15.9	0.080	-0.00695	-11.08	-1.38	
59	P96	N95	N1004	1	P	120.0	148.1	0.080	-0.00743	-5.69	-1.48	
60 61	P97 P98	N96 N97	N97 N82		P P	120.0 120.0	322.8 58.9	0.300	-0.01740 -0.01843	-0.10	-0.25	
62	P99	N32	N98		Р	120.0	287.0	0.080	-0.00283	-1.85	-0.56	
63 64	P100 P101	N98 N99	N99 N33		P P	120.0 120.0	97.5 288.1	0.080	0.00480 0.00126	1.67 0.42	0.95	
65	P102	N99	N33 N45		P P	120.0	466.5	0.080	0.00237	2.16	0.23	
66	P103	N32	N100	0.00000	Р	120.0	611.2	0.100	0.00006	0.00	0.01	
67 68	P104 P105	N100 N101	NV15_1 N102	0.00000	P P	120.0 120.0	127.4 117.9	0.100	0.00000	0.00	0.00	
69	P106	N102	N103		Р	120.0	133.8	0.100	-0.00016	0.00	-0.02	
70	P107 P108	N103 N104	N104 N105		P P	120.0 120.0	141.9 262.8	0.100	-0.00032 -0.00050	-0.01	-0.04 -0.06	-
72	P108 P109	N104 N105	N106		Р	120.0	76.1	0.100	-0.00050	-0.02	-0.06	<u> </u>
73	P112	N108	N109		Р	120.0	24.1	0.100	-0.00054	0.00	-0.07	
74	P113 P114	N109 N110	N110 N111		P P	120.0 120.0	163.0 493.3	0.100	-0.00054 -0.00054	-0.02	-0.07	
76	P115	N111	N112		Р	120.0	137.2	0.100	-0.00054	-0.01	-0.07	1
77	P116	N112	N113		Р	120.0	18.5	0.100	-0.00054	0.00	-0.07	

78	P117	N113	N114		Р	120.0	69.0	0.100	-0.00054	-0.01	-0.07	
79	P118	N114	N115		Р	120.0	249.8	0.200	-0.00054	0.00	-0.02	
80	P119	N115	N116		Р	120.0	280.0	0.200	-0.00054	0.00	-0.02	
81	P123	N120	N121		P	120.0	64.5	0.250	-0.01207	-0.02	-0.25	
82	P124	N121	N122		Р	120.0	32.4	0.250	-0.01207	-0.01	-0.25	
83	P125	N122	N123		Р	120.0	71.1	0.250	-0.01207	-0.03	-0.25	
84	P126	N123	N124		P	120.0	41.9	0.250	-0.01207	-0.02	-0.25	
85	P127	N124	N125		P	120.0	48.5	0.250	-0.01207	-0.02	-0.25	
85	P128	N124	N125		P	120.0	98.1	0.250	-0.01207	-0.04	-0.25	
					r P	120.0	36.7	0.250	-0.01207	-0.04	-0.25	
87	P129	N126	N127							-0.01	-0.25	
88	P130	N127	N128		Р	120.0	89.2	0.250	-0.01207			
89	P131	N128	N129		Р	120.0	140.2	0.250	-0.01207	-0.05	-0.25	
90	P132	N129	N130		Р	120.0	117.5	0.250	-0.01207	-0.04	-0.25	
91	P133	N130	N131		P	120.0	31.5	0.250	-0.01207	-0.01	-0.25	
92	P134	N131	N132		P	120.0	62.0	0.250	-0.01207	-0.02	-0.25	
93	P135	N132	N133		P	120.0	56.5	0.250	-0.01207	-0.02	-0.25	
94	P136	N133	N134		Р	120.0	38.7	0.250	-0.01207	-0.01	-0.25	
95	P137	N134	N135		P	120.0	67.3	0.250	-0.01207	-0.02	-0.25	
96	P138	N135	N136		P	120.0	25.3	0.250	-0.01207	-0.01	-0.25	
97	P139	N136	N137		P	120.0	60.4	0.250	-0.01207	-0.02	-0.25	
98	P140	N137	N138		P	120.0	47.0	0.250	-0.01207	-0.02	-0.25	
						120.0	70.9	0.200	0.00000	0.02	0.00	
99	P141	N139	N140		P				0.00000	0.00	0.00	
100	P142	N140	N141		P	120.0	22.7	0.400				·
101	P143	N141	N142		P	120.0	72.5	0.400	0.00000	0.00	0.00	
102	P144	N142	N143		P	120.0	43.8	0.400	0.00000	0.00	0.00	
103	P145	N143	N144		Р	120.0	54.9	0.400	0.00000	0.00	0.00	
104	P146	N144	N145		Р	120.0	59.6	0.400	0.00000	0.00	0.00	
105	P147	N145	N146		Р	120.0	29.9	0.400	0.00000	0.00	0.00	
106	P148	N146	N147		Р	120.0	103.9	0.400	0.00000	0.00	0.00	
107	P149	N147	N148		P	120.0	149.3	0.400	0.00000	0.00	0.00	
108	P150	N148	N149		P	120.0	97.2	0.400	0.00000	0.00	0.00	
109	P151	N149	N150		P	120.0	32.7	0.400	0.00000	0.00	0.00	
110	P152	N150	N150		P	120.0	99.5	0.400	0.00000	0.00	0.00	
	P152	N150	N151 N152		P	120.0	55.5	0.400	0.00000	0.00	0.00	
111					P P	120.0	26.0	0.400	0.00000	0.00	0.00	
112	P154	N152	N153					0.400	0.00000	0.00	0.00	<u>├</u> [
113	P155	N153	N154		P	120.0	79.6				0.00	
114	P156	N154	N155		P	120.0	30.0	0.400	0.00000	0.00		<u> </u>
115	P157	N155	N156		Р	120.0	51.9	0.400	0.00000	0.00	0.00	
116	P160	N159	N160		Р	120.0	66.0	0.250	0.00547	0.01	0.11	
117	P161	N161	N162		P	120.0	59.4	0.200	0.00322	0.01	0.10	
118	P162	N162	N163		P	120.0	22.3	0.200	0.00322	0.00	0.10	
119	P163	N163	N164		Р	120.0	52.6	0.200	0.00322	0.00	0.10	
120	P164	N164	N165		Р	120.0	34.7	0.200	0.00322	0.00	0.10	
121	P165	N165	N166		P	120.0	54.2	0.200	0.00322	0.01	0.10	
122	P166	N166	N167		P	120.0	70.6	0.200	0.00322	0.01	0.10	
122	P167	N167	N168		P	120.0	80.1	0.200	0.00322	0.01	0.10	
123	P168	N168	N169		P	120.0	88.2	0.200	0.00322	0.01	0.10	
		N169	N109 N170		P	120.0	120.2	0.200	0.00322	0.01	0.10	
125	P169						93.0	0.200	0.00322	0.01	0.10	
126	P170	N170	N171		P	120.0			0.00322	0.01	0.10	
127	P171	N171	N172		P	120.0	30.6	0.200				
128	P172	N172	N173		Р	120.0	73.6	0.200	0.00322	0.01	0.10	
129	P173	N173	N174		Р	120.0	56.7	0.200	0.00322	0.01	0.10	
130	P174	N174	N175		Р	120.0	53.5	0.200	0.00322	0.01	0.10	· · · · ·
131	P175	N175	N176		Р	120.0	71.3	0.200	0.00322	0.01	0.10	
132	P176	N176	N177		Р	120.0	36.1	0.200	0.00322	0.00	0.10	
133	P177	N177	N178		Р	120.0	70.9	0.200	0.00322	0.01	0.10	
133	P178	N178	N179		P	120.0	90.9	0.200	0.00322	0.01	0.10	
135	P179	N179	N180		P	120.0	55.4	0.200	0.00307	0.00	0.10	
135	P185	N185	N186		P	120.0	295.1	0.200	-0.00600	-0.09	-0.19	
130	P186	N186	N187		P	120.0	277.3	0.200	-0.00600	-0.08	-0.19	
137	P180	N180	N187		P	120.0	78.5	0.200	-0.00600	-0.02	-0.19	<u> </u>
					P	120.0	145.3	0.200	-0.00600	-0.02	-0.19	<u> </u>
139	P188	N188	N189		P P	120.0	442.2	0.200	-0.00600	-0.13	-0.19	
140	P189	N189	N190						-0.00600	-0.13	-0.19	<u> </u>
141	P190	N190	N191	0.00000	P	120.0	120.6	0.200				
142	P191	N191	NV12_1	0.00000	P	120.0	46.8	0.200	0.00050	0.00	0.02	├ ────
143	P192	N191	N193		P	120.0	101.8	0.200	-0.00651	-0.04	-0.21	ļ
144	P193	N192	N194		P	120.0	61.6	0.200	0.00000	0.00	0.00	ļ
145	P194	N194	N195		Р	120.0	75.1	0.200	0.00000	0.00	0.00	· · · ·
146	P195	N195	N196		Р	120.0	167.6	0.200	-0.00003	0.00	0.00	
147	P196	N196	N197		P	120.0	81.0	0.200	-0.00003	0.00	0.00	
148	P197	N197	N198		P	120.0	256.9	0.200	-0.00016	0.00	-0.01	1
149	P197	N197	N199		P	120.0	145.9	0.200	-0.00019	0.00	-0.01	
	P198 P199	N198	N199 N200		P	120.0	143.8	0.200	-0.00041	0.00	-0.01	1
150					P P	120.0	98.0	0.200	-0.00054	0.00	-0.02	
151	P200	N200	N201					0.200	-0.00034	-0.09	-0.02	+
152	P202	N203	N204		P	120.0	111.1					
153	P203	N204	N205		P	120.0	209.1	0.300	-0.03057	-0.18	-0.43	+
154	P204	N205	N206		Р	120.0	73.9	0.300	-0.03082	-0.06	-0.44	4
155	P205	N206	N1173	0.00000	Р	120.0	44.5	0.300	-0.03142	-0.04	-0.44	<u> </u>
156	P206	N208	N209		P	120.0	66.3	0.400	-0.03549	-0.02	-0.28	į
157	P207	N209	N1182	0.00000	Р	120.0	222.7	0.400	-0.03549	-0.06	-0.28	<u> </u>
158	P208	N210	N211		Р	120.0	185.0	0.400	-0.03653	-0.05	-0.29	
159	P209	N211	N212		P	120.0	294.8	0.400	-0.03653	-0.09	-0.29	i
160	P210	N211 N212	NV63_1	0.00000	P	120.0	23.8	0.400	0.00000	0.00	0.00	1
160	P210 P211	N212 N213	N214	0.00000	P	120.0	413.2	0.400	0.00000	0.00	0.00	<u>4</u>
	r 211	19212	11214		· r	120.0	71.J.6	0.00	0.00000	0.00	. 0.00	

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162 P212 163 P213 164 P216	N207 N215	N215 N208		P P	120.0	59.0	0.300	-0.03549	-0.07	-0.50	
164 P216	N215	N208	i	D	100.0						
				r	120.0	47.8	0.400	-0.03549	-0.01	-0.28	
	N217	NV9_1	0.00000	Р	120.0	14.0	0.250	0.00063	0.00	0.01	
165 P217	N218	N219		Р	120.0	82.7	0.250	0.00063	0.00	0.01	
166 P218	N219	N220		Р	120.0	211.6	0.250	0.00063	0.00	0.01	
167 P219	N220	N221		P	120.0	211.2	0.250	0.00063	0.00	0.01	
168 P220	N221	N222		P	120.0	77.9	0.250	0.00063	0.00	0.01	
169 P221	N222	N223		P	120.0	167.2	0.250	0.00063			
170 P222	N223	N224		P			0.250		0.00	0.01	
170 1222 171 P223	N224				120.0	74.0	0.250	0.00063	0.00	0.01	
171 P225		N225		P	120.0	134.8	0.250	0.00063	0.00	0.01	
172 P224	N225	N226		Р	120.0	50.4	0.250	0.00063	0.00	0.01	
173 P225	N226	N1179	0.00000	Р	120.0	250.7	0.250	0.00063	0.00	0.01	
174 P226	N227	N228		P	120.0	167.1	0.250	0.00047	0.00	0.01	
175 P227	N228	N229		P	120.0	284.2	0.250	0.00047	0.00	0.01	
176 P228	N229	N64 1	0.00000	P	120.0	25.8	0.250	0.00000	0.00	0.00	
177 P229	N230	N231		P	120.0	432.0	0.250	0.00000			
178 P232	N233	N234		P	120.0			0.0000	0.00	0.00	
179 P233	N234	N235				99.0	0.250	-0.00016	0.00	0.00	
				P	120.0	93.9	0.250	-0.00016	0.00	0.00	
180 P234	N235	N236		P	120.0	80.4	0.250	-0.00016	0.00	0.00	
181 P235	N236	N237		Р	120.0	58.5	0.250	-0.00016	0.00	0.00	
182 P236	N237	N238		P	120.0	56.7	0.250	-0.00016	0.00	0.00	
183 P237	N238	N239		Р	120.0	76.2	0.250	-0.00016	0.00	0.00	
184 P238	N239	N240		P	120.0	28.2	0.250	-0.00016	0.00	0.00	
185 P239	N240	N241		P	120.0	84.0	0.250	-0.00016	0.00	0.00	
186 P240	N241	N242		P	120.0	115.5	0.250	-0.00016	0.00	0.00	
187 P241	N242	N242		P P	120.0						
187 F241 188 P242	N242 N243	N245				90.9	0.250	-0.00016	0.00	0.00	
188 P242 189 P243				P	120.0	88.2	0.250	-0.00016	0.00	0.00	
	N244	N245		P	120.0	76.4	0.250	-0.00016	0.00	0.00	
190 P244	N245	N246		Р	120.0	63.1	0.250	-0.00016	0.00	0.00	
191 P245	N246	N247		Р	120.0	16.4	0.250	-0.00016	0.00	0.00	
192 P246	N247	N248		Р	120.0	47.2	0.250	-0.00016	0.00	0.00	
193 P247	N248	N249		P	120.0	23.7	0.250	-0.00016	0.00	0.00	
194 P248	N249	N250		P	120.0	48.8	0.250	-0.00016	0.00	0.00	
195 P249	N251	N252		P	120.0	39.3	0.200	0.02086	0.00	0.66	
196 P250	N252	N253		P	120.0	135.6	0.200				
190 1250 197 P251	N253	N254			120.0	155.0		0.02058	0.40	0.65	
				Р	120.0	271.6	0.080	0.00250	1.39	0.50	
	N254	N255		Р	120.0	69.5	0.080	0.00225	0.29	0.45	
199 P253	N255	N256		P	120.0	49.1	0.080	0.00221	0.20	0.44	
200 P254	N256	N257	·	Р	120.0	59.4	0.080	0.00212	0.22	0.42	
201 P255	N257	N258		Р	120.0	126.4	0.080	0.00193	0.40	0.38	
202 P256	N258	N259		Р	120.0	51.0	0.080	0.00177	0.14	0.35	
203 P257	N259	N260		Р	120.0	158.0	0.050	0.00032	0.17	0.16	
204 P258	N259	N261		P.	120.0	32.6	0.050	0.00136	0.54	0.69	
205 P259	N261	N262		P	120.0	132.3	0.050	0.00130			
206 P260	N262	N263		P	120.0	132.3			1.65	0.60	
200 1200 207 P261	N263						0.050	0.00092	0.97	0.47	
		N264		P	120.0	181.7	0.050	0.00032	0.20	0.16	
208 P262	N263	N265		P	120.0	60.3	0.050	-0.00135	-0.98	-0.69	
209 P263	N265	N266		P	120.0	41.7	0.050	-0.00148	-0.80	-0.75	
210 P264	N266	N267		P	120.0	183.6	0.050	-0.00170	-4.55	-0.87	
211 P265	N268	N269		P	120.0	175.9	0.050	0.00022	0.10	0.11	
212 P266	N267	N270		Р	120.0	44.9	0.050	0.00229	1.93	1.16	
213 P267	N270	N268		P	120.0	367.6	0.050	0.00076	2.03	0.39	
214 P268	N270	N271		P	120.0	33.3	0.050	0.00076			
215 P269	N271	270.00							0.46	0.63	
215 P209 216 P270	N271 N272	N272 N273		<u>P</u>	120.0	77.4	0.080	0.00099	0.07	0.20	
				P	120.0	69.2	0.080	0.00090	0.05	0.18]
217 P271	N273	N274		Р	120.0	62.6	0.080	0.00084	0.04	0.17	
218 P272	N274	N275		P	120.0	32.5	0.080	0.00084	0.02	0.17	
219 P273	N275	N276		Р	120.0	101.7	0.050	0.00054	0.30	0.28	
220 P274	N276	N277		Р	120.0	214.1	0.050	0.00003	0.00	0.02	
221 P275	N277	N278		Р	120.0	62.7	0.050	-0.00060	-0.23	-0.31	
222 P276	N278	N279		P	120.0	112.2	0.050	-0.00011	-0.02	-0.05	
223 P277	N279	N280		P	120.0	82.4	0.050	-0.00020	-0.02	-0.10	
224 P278	N280	N275		P	120.0	33.8	0.050	-0.00020	-0.04	-0.10	
225 P279	N278	N281		P	120.0	169.0	0.050	-0.00023			
226 P280	N281	N281 N282							-0.60	-0.30	
220 P280 227 P281				P	120.0	114.1	0.050	-0.00075	-0.62	-0.38	
	N282	N283	·	P	120.0	181.0	0.050	-0.00097	-1.59	-0.49]
228 P282	N283	N284		Р	120.0	30.2	0.200	-0.00116	0.00	-0.04	
229 P283	N284	N285		P	120.0	188.2	0.200	0.00487	0.04	0.15	
230 P284	N285	N286		Р	120.0	111.5	0.200	0.00465	0.02	0.15	
231 P285	N286	N287		Р	120.0	188.6	0.200	0.00449	0.03	0.14	
232 P286	N287	N288		P	120.0	159.0	0.200	0.00430	0.03	0.14	
233 P287	N288	N289		P	120.0	104.4	0.200	0.00418	0.03	0.14	
234 P288	N289	N290		P	120.0	104.4	0.200	0.00418		0.13	
235 P289	N290	N267		P P	120.0				0.02		
236 P290	N253	N207 N291				21.1	0.200	0.00405	0.00	0.13	
				P	120.0	198.1	0.200	0.01786	0.44	0.57	
237 P291	N291	N292 _		Р	120.0	48.0	0.050	0.00067	0.21	0.34	
238 P292	N292	N293		Р	120.0	135.6	0.050	0.00054	0.40	0.27	· · · · ·
239 P293	N293	N294		P	120.0	227.0	0.100	0.00525	1.55	0.67	
240 P294	N294	N295		P	120.0	53.3	0.100	0.00475	0.30	0.60	
241 P295	N295	N296		P	120.0	174.4	0.100	0.00479	0.93	0.58	
242 P296	N296	N297		P	120.0	59.9	0.100				
		N298		P P	120.0	199.8		0.00443	0.30	0.56	
					1200	199.8	0.100	0.00374	0.73	n 40 i	
243 P297	N297					050.0				0.48	
	N297 N298 N302	N298 N299 N303		P P	120.0 120.0	253.9 111.1	0.100	0.00320 -0.00022	0.69	0.48	-

246	P302	N303	N304		Р	120.0	28.1	0.050	-0.00038	-0.04	-0.19	
247	P303	N304	N305		Р	120.0	67.0	0.050	-0.00017	-0.02	-0.08	
248	P304	N306	N307		P	120.0	192.5	0.080	0.00050	0.05	0.10	
249	P305	N307	N304		Р	120.0	178.5	0.080	0.00037	0.03	0.07	
250	P306	N305	N308		P	120.0	159.2	0.050	-0.00026	-0.12	-0.13	
251	P307	N308	N306		P	120.0	238.7	0.080	0.00053	0.07	0.10	
252	P308	N308	N309		P	120.0	35.6	0.080	-0.00098	-0.03	-0.19	
253	P309	N309	N310	-	P	120.0	708.9	0.080	-0.00110	-0.80	-0.22	
254	P310	N291	N311		P	120.0	132.6	0.200	0.01710	0.00	0.54	
255	P311	N311	N312		P	120.0	55.7	0.200	0.00290	0.00	0.09	
255	P312	N314										
			N315		P	120.0	131.6	0.050	-0.00009	-0.02	-0.05	
257	P313	N315	N316		P	120.0	72.7	0.050	-0.00038	-0.11	-0.19	
258	P314	N316	N317		P	120.0	173.3	0.050	0.00019	0.07	0.10	
259	P315	N311	NV22_1	0.00000	Р	120.0	583.8	0.200	0.00923	0.39	0.29	
260	P316	N312	N316		P	120.0	35.8	0.200	0.00142	0.00	0.05	
261	P317	N263	N319		Р	120.0	64.9	0.050	0.00187	1.91	0.95	
262	P318	N319	N320		Р	120.0	92.9	0.050	0.00177	2.48	0.90	
263	P319	N320	N321		Р	120.0	58.6	0.050	0.00124	0.80	0.63	
264	P320	N321	N322		P ·	120.0	.76.5	0.050	0.00101	0.73	0.52	
265	P321	N322	N323		P	120.0	47.1	0.050	0.00079	0.29	0.40	
266	P322	N323	N324		P	120.0	64.7	0.050	0.00064	0.25	0.32	
267	P323	N324	N325		P	120.0	54.8	0.050	0.00045	0.12	0.32	
267	P323	N325	N326		P P							
						120.0	113.8	0.050	0.00038	0.18	0.20	
269	P325	N326	N327		P	120.0	227.0	0.050	0.00019	0.10	0.10	
270	P326	N326	N328		P	120.0	310.4	0.050	0.00007	0.02	0.04	
271	P327	N328	N329		Р	120.0	59.0	0.050	-0.00132	-0.91	-0.67	
272	P329	N300	N331		P	120.0	26.8	0.050	0.00063	0.11	0.32	
273	P330	N331	N332		Р	120.0	28.0	0.050	0.00044	0.06	0.22	
274	P331	N332	N333		Р	120.0	43.7	0.050	0.00013	0.01	0.06	
275	P332	N333	N334		Р	120.0	17.1	0.050	0.00006	0.00	0.03	· · ·
276	P333	N334	N335		P	120.0	37.4	0.050	0.00003	0.00	0.02	
277	P334	N328	N336		P	120.0	291.8	0.050	0.00117	3.60	0.59	
278	P335	N336	N337		P	120.0	31.3	0.050	0.00082	0.20	0.42	
279	P336	N337	N338		P	120.0	146.1	0.050	0.00072	0.20	0.42	
280	P337	N310	NV21_1	0.00000	P	120.0	173.1	0.100	-0.00132	-0.09	-0.17	
280	P338			0.00000								
		N339	N340		P	120.0	94.4	0.050	0.00095	0.79	0.48	
282	P339	N340	N341		P	120.0	45.8	0.050	0.00060	0.16	0.30	
283	P340	N341	N342		Р	120.0	171.2	0.080	0.00009	0.00	0.02	
284	P341	N318	N343		P	120.0	37.6	0.200	0.00917	0.02	0.29	
285	P342	N343	N344		P	120.0	67.6	0.200	0.00898	0.04	0.29	
286	P343	N344	N345		P	120.0	208.3	0.200	0.00863	0.12	0.27	
287	P344	N345	N346		P	120.0	314.7	0.200	0.00756	0.14	0.24	
288	P345	N339	N347		P	120.0	203.1	0.150	-0.00243	-0.05	-0.14	
289	P346	N347	N348		Р	120.0	238.4	0.050	0.00102	2.30	0.52	
290	P347	N348	N349		Р	120.0	124.1	0.050	0.00025	0.09	0.13	
291	P348	N348	N350		P	120.0	122.0	0.050	0.00071	0.59	0.36	
292	P349	N350	N351		P	120.0	128.7	0.050	0.00045	0.28	0.23	
293	P350	N351	N352		P	120.0	69.4	0.050	0.00020	0.03	0.10	
294	P351	N352	N353		P	120.0	56.3	0.050	0.00047	0.13	0.24	
295	P352	N353	N354		P	120.0	134.0	0.050	0.00013	0.03	0.24	
295	P352 P353	N352	N355		P	120.0	218.7	0.050	-0.00125	-3.06	-0.64	
290	P355											
		N355	N356		P	120.0	49.8	0.080	-0.00010	0.00	-0.02	
298	P355	N356	N357		P	120.0	392.4	0.080	-0.00026	-0.03	-0.05	
299	P356	N357	N358		P	120.0	102.0	0.080	-0.00058	-0.03	-0.11	
300	P357	N358	N359		·P	120.0	611.4	0.080	-0.00080	-0.38	-0.16	
301	P358	N359	N360		Р	120.0	156.9	0.150	0.00500	0.14	0.28	
302	P359	N360	N355		P	120.0	209.0	0.080	0.00127	0.31	0.25	
303	P360	N347	N360		Р	120.0	362.8	0.150	-0.00360	-0.17	-0.20	
304	P361	N352	N361		P	120.0	31.2	0.050	0.00072	0.16	0.37	
305	P362	N361	N362		P	120.0	177.1	0.050	0.00025	0.13	0.13	
306	P363	N361	N363		P	120.0	146.6	0.050	0.00022	0.08	0.11	
307	P364	N363	N364		P	120.0	140.0	0.050	0.000022	0.00	0.02	
308	P365	N346	N365		P	120.0	107.2	0.200	0.00750	0.00	0.02	
308	P365 P366	N365										
			N366		P	120.0	114.0	0.200	0.00044	0.00	0.01	
310	P367	N359	N367	0.000000	P	120.0	125.3	0.150	0.00025	0.00	0.01	
311	P368	N367	NV23_1	0.00000	P	120.0	138.0	0.150	0.00000	0.00	0.00	
312	P369	N368	N369	0.00000	P	120.0	77.4	0.150	-0.01054	-0.27	-0.60	
313	P370	N369	N370		P	120.0	33.2	0.150	-0.01086	-0.12	-0.61	
314	P371	N370	N371		Р	120.0	131.5	0.150	-0.01130	-0.51	-0.64	
315	P372	N371	N1165	0.00000	Р	120.0	77.7	0.150	-0.01130	-0.30	-0.64	
316	P373	N372	N373		Р	120.0	198.1	0.150	-0.01600	-1.47	-0.91	
317	P374	N373	N374		P	120.0	64.1	0.250	-0.03970	-0.21	-0.81	
318	P375	N374	N375		P	120.0	12.7	0.250	0.00135	0.00	0.03	
319	P376	N375	N376		P	120.0	13.5	0.250	0.00133	0.00	0.03	
319	P377	N375 N376	N370		P P				0.00030		0.02	
						120.0	56.6	0.250		0.00		
321	P378	N377	N378		P	120.0	64.0	0.250	0.00006	0.00	0.00	
322	P379	N376	N379		P .	120.0	287.6	0.250	0.00019	0.00	0.00	
323	P380	N374	N380		Р	120.0	231.3	0.250	-0.04150	-0.83	-0.85	
324	P381	N380	N381		Р	120.0	54.4	0.250	-0.04182	-0.20	-0.85	
325	P382	N382	N383		Р	120.0	252.1	0.050	0.00058	0.85	0.29	
326	P383	N384	N385		P	120.0	64.8	0.250	0.00218	0.00	0.04	
327	P384	N385	N386		P	120.0	117.0	0.250	0.00032	0.00	0.04	
				0.00000								
	D205	N1201	1 NV17 1			100.0	1 1 2 2			1 0.02	በግፍ	
327 328 329	P385 P388	N387 N390	NV17_1 N391		P P	120.0 120.0	48.5 59.4	0.250	0.01215 0.00000	0.02	0.25	

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330	P389	N381	N392		Р	120.0	147.4	0.250	-0.04246	-0.55	-0.86	· .
331	P390	N393	N394		P	120.0	65.1	0.250	-0.04025	-0.22	-0.82	
332	P392	N396	N397		Р	120.0	224.0	0.250	-0.04380	-0.89	-0.89	
333	P393	N397	N384	· · · ·	P	120.0	206.7	0.250	0.00218	0.00	0.04	
334	P394	N395	N387		P	120.0	322.1	0.250	-0.04147	-1.16	-0.84	
335	P395	N397	N398		P	120.0	83.5	0.250	-0.04605	-0.36	-0.94	
336	P396	N398	NV18_1	0.00000	P	120.0	56.1	0.250	0.00000	0.00	0.00	
337	P398	N400	N401		P	120.0	123.0	0.250	-0.00282	0.00	-0.06	
338	P399	N1194	N402		P	120.0	38.2	0.080	0.00155	0.08	0.31	
339	P400	N402	N403		P	120.0	40.2	0.080	0.00155	0.08	0.31	
340	P401	N404	N405		P	120.0	18.0	0.080	0.00155	0.04	0.31	
341	P402	N406	N407		P	120.0	18.6	0.080	0.00129	0.03	0.26	
342	P403	N407	N408		P	120.0	64.2	0.080	0.00116	0.08	0.23	
343	P404	N408	N409		P	120.0	47.3	0.080	0.00097	0.04	0.19	
344	P405	N409	N410		P	120.0	57.7	0.080	0.00078	0.03	0.16	
345	P410	N415	N416		P	· 120.0	217.8	- 0.080	0.00123	0.30	0.25	
346	P411	N416	N417		P	120.0	147.9	0.080	-0.00054	-0.04	-0.11	
347	P414	N419	N420		P	120.0	124.5	0.250	0.00301	0.00	0.06	
348	P415	N420	N421		P	120.0	39.3	0.250	0.00231	0.00	0.05	
349	P416	N421	N422		P	120.0	44.1	0.250	0.00173	0.00	0.04	
350	P417	N422	N423		P	120.0	54.8	0.250	0.00167	0.00	0.03	
351	P418	N423	N424		P	120.0	46.0	0.250	0.00154	0.00	0.03	
352	P419	N424	N425	-	P	120.0	64.8	0.250	0.00147	0.00	0.03	
353	P420	N425	N426		P	120.0	48.0	0.250	0.00115	0.00	0.02	
354	P421	N426	N420 N427		<u>P</u>	120.0	129.1	0.250	0.00103	0.00	0.02	I
355	P422	N427	NV61_1	0.00000	P	120.0	31.1	0.250	0.00096	0.00	0.02	
356	P423	N428	N429		P	120.0	88.7	0.250	-0.00090	0.00	-0.02	
357	P424	N429	N430		P	120.0	76.8	0.250	-0.00103	0.00	-0.02	
358	P425	N430	N431		P	120.0	26.9	0.250	-0.00131	0.00	-0.03	
359	P426	N431	N432		P	120.0	35.1	0.250	-0.00209	0.00	-0.04	
360	P427	N432	N433		P	120.0	37.0	0.250	-0.00256	0.00	-0.05	
361	P428	N433	N434		Р	120.0	42.1	0.250	-0.00302	0.00	-0.06	
362	P429	N435	N436		Р	120.0	50.1	0.250	-0.00724	-0.01	-0.15	
363	P430	N436	N437		P	120.0	267.8	0.250	-0.00739	-0.04	-0.15	
364	P431	N437	N438		Р	120.0	137.2	0.250	-0.00786	-0.02	-0.16	
365	P432	N434	N439		P	120.0	64.9	0.250	-0.00349	0.00	-0.07	-
366	P433	N439	N440		P	120.0	42.6	0.250	-0.00490	0.00	-0.10	
367	P436	N442	N443		Р	120.0	59.6	0.250	-0.00407	0.00	-0.08	
368	P437	N438	N444		Р	120.0	91.6	0.250	-0.00802	-0.02	-0.16	
369	P438	N444	N445		Р	120.0	186.7	0.250	-0.00833	-0.03	-0.17	
370	P439	N445	N446		Р	120.0	51.2	0.250	-0.00833	-0.01	-0.17	
371	P440	N446	N447		P	120.0	160.4	0.250	-0.00833	-0.03	-0.17	
372	P441	N447	N448		Р	120.0	40.3	0.250	-0.00926	-0.01	-0.19	
373	P442	N448	N449		Р	120.0	41.7	0.250	-0.01004	-0.01	-0.20	L
374	P443	N449	N450	1	P	120.0	74.7	0.250	-0.01113	-0.02	-0.23	I
375	P444	N450	N451		P	120.0	50.2	0.250	-0.01160	-0.02	-0.24	
376	P446	N160	N452		P	120.0	44.0	0.250	0.00547	0.00	0.11	Ļ]
377	P447	N452	N453		Р	120.0	78.0	0.250	0.00531	0.01	0.11	· · ·
378	P448	N453	N454		Р	120.0	38.0	0.250	0.00485	0.00	0.10	
379	P449	N454	N455		P	120.0	50.0	0.250	0.00453	0.00	0.09	
380	P450	N455	N456		P	120.0	160.1	0.250	0.00453	0.01	0.09	
381	P451	N456	N457		P	120.0	38.8	0.250	0.00453	0.00	0.09	
382	P452	N457	N458		P	120.0	177.7	0.250	0.00453	0.01	0.09	
383	P453	N458	N459		P	120.0	101.9	0.250	0.00453	0.01	0.09	
384	P454	N459	N460		<u>P</u>	120.0	124.5	0.250	0.00453	0.01	0.09	
385	P455	N460	N443	· · · · · · · · · · · · · · · · · · ·	<u>P</u>	120.0	275.3	0.250	0.00453	0.02	0.09	↓
386	P457	N461	N462		P	120.0	43.9	0.250	0.00282	0.00	0.06	
387	P458	N462	N463		P	120.0	40.9	0.250	0.00282	0.00	0.06	
388	P459	N463	N464		P	120.0	67.3	0.250	0.00282	0.00	0.06	+
389	P460	N464	N465		P	120.0	40.9	0.250	0.00282	0.00	0.06	
390	P461	N465	N466		P	120.0 120.0	31.3	0.250	0.00282	0.00	0.06	
391	P462	N466	N467		Р Р		38.3	0.250 0.250	0.00282 0.00282	0.00	0.06	+
392	P463	N467	N468			120.0	28.5				0.06	
393	P464	N468 N469	N469 N470		P	120.0 120.0	69.2 90.6	0.250	0.00282	0.00	0.06	
394	P465	N469 N470		0.00000	P P	120.0	90.6 63.9	0.250	0.00282	0.00	0.06	+
395	P466 P467	N470 N471	N471 N472	0.0000	P P	120.0	130.9	0.250	0.00282	0.00	0.06	+
396	P467 P468	N471 N472	N472 N473		P P	120.0	52.0	0.250	0.00282	0.00	0.06	+
397 398	P468 P469	N472 N473	N473 N474		P P	120.0	52.0	0.250	0.00282	0.00	0.06	
398	P469 P470	N473 N474	N474 N475		P	120.0	59.0	0.250	0.00282	0.00	0.06	+
400	P470 P471	N474 N475	N475 N476		P P	120.0	31.9	0.250	0.00282	0.00	0.06	+
400	P471 P472	N475 N476	N470		P P	120.0	29.6	0.250	0.00282	0.00	0.06	+
401	P472 P473	N470 N477	N477 N478		- r P	120.0	39.8	0.250	0.00282	0.00	0.00	+
402	P473 P474	N477 N478	N478		· P	120.0	26.6	0.250	0.00282	0.00	0.06	+
403	P474 P475	N478 N479	N479 N480		P P	120.0	111.9	0.250	0.00282	0.00	0.06	
404	P475 P476	N479 N480	N480 N401	1	P P	120.0	50.3	0.250	0.00282	0.00	0.06	+
405	P476 P477	N480 N393	N401 N481		P P	120.0	52.1	0.250	0.00282	0.00	0.00	+
406	P477 P478	N393 N481	N481 N482		P P	120.0	67.7	0.250	0.03897	0.17	0.79	+
407	P478 P479	N481 N482	N482 N483		P P	120.0	324.0	0.250	0.03897	1.04	0.79	
408	P479 P480	N482 N483	N483 N373		<u>Р</u> Р	120.0	29.2	0.250	0.03897	0.47	1.37	+
409	P480 P481	N483 N483	N375 N484		P P	120.0	338.3	0.150	0.02416	2.18	0.84	+
410	P481 P482	N485 N484	N484 N485		P P	120.0	223.8	0.150	0.01481	1.39	0.84	+
411 412	P482 P484	N486	N483	ļ	P P	120.0	82.0	0.130	0.00245	0.40	0.82	
412	P484 P485	N480 N487	N487 N488	<u> </u>	Р Р	120.0	73.9	0.080	0.00243	0.40	0.49	
413	1-07	11+07	11400		<u>г</u>	120.0	13.7	0.000	1 0.00000	0.02	0.10	

						100.0	40.0		0.00007	- 0.00	0.05	
414	P486	N488	N489		P	120.0	48.3	0.080	0.00027	0.00	0.05	
415	P487	N489	N490		P	120.0	53.9	0.080	-0.00005	0.00	-0.01	
416	P488	N490	N491		Р	120.0	59.6	0.080	-0.00037	-0.01	-0.07	
417	P489	N491	N492		P	120.0	69.0	0.080	-0.00076	-0.04	-0.15	
418	P490	N492	NV27_1	0.00000	P	120.0	12.3	0.150	0.00000	0.00	0.00	
419	P491	N493	N494		P	120.0	80.0	0.150	-0.00058	0.00	-0.03	
420	P492	N494	N495		P	120.0	38.7	0.150	-0.00070	0.00	-0.04	
421	P493	N495	N496		P	120.0	118.1	0.150	-0.00077	0.00	-0.04	
422	P494	N496	N497		P	120.0	86.6	0.150	-0.00096	0.00	-0.05	
423	P495	N497	N498		P	120.0	142.1	0.150	-0.00096	-0.01	-0.05	
424	P496	N498	N499		P	120.0	345.0	0.150	-0.00096	-0.01	-0.05	
425	P499	N501	N502		P	120.0	63.1	0.080	-0.00309	-0.48	-0.61	
426	P500	N502	N503		P	120.0	37.3	0.080	-0.00309	-0.28	-0.61	
427	P501	N503	N504		Р	120.0	240.2	0.080	-0.00309	-1.82	-0.61	
428	P502	N504	N505		P	120.0	104.6	0.080	-0.00322	-0.85	-0.64	
429	P503	N505	N506		P	120.0	413.1	0.080	0.00186	1.23	0.37	
430	P504	N506	N507		P	120.0	35.2	0.080	0.00116	0.04	0.23	
431	P505	N507	N508		P	120.0	429.5	0.080	-0.00190	-1.32	-0.38	·
432	P506	N508	N509		P	120.0	85.5	0.150	-0.00826	-0.19	-0.47	
433	P507	N509	N510		P	120.0	131.1	0.250	-0.02123	-0.14	-0.43	
434	P508	N510	N511		P	120.0	135.4	0.250	-0.04729	-0.62	-0.96	
435	P509	N511	N373		Р	120.0	339.3	0.250	-0.04767	-1.58	-0.97	
436	P510	N368	N512		P	120.0	14.7	0.150	0.01029	0.05	0.58	
437	P511	N512	N513		P	120.0	465.6	0.080	0.00236	2.14	0.47	
438	P512	N513	N514		Р	120.0	81.3	0.050	0.00141	1.42	0.72	
439	P513	N514	N515		Р	120.0	100.6	0.050	0.00045	0.21	0.23	
440	P514	N515	N516		P	120.0	119.8	0.050	0.00026	0.09	0.13	ļ
441	P515	N513	N517		Р	120.0	157.5	0.050	0.00057	0.51	0.29	ļ
442	P516	N517	N518		Р	120.0	329.5	0.080	0.00013	0.01	0.03	ļ
443	P517	N512	N519		Р	120.0	23.0	0.150	0.00748	0.04	0.42	
444	P518	N519	N520		P	120.0	146.2	0.080	0.00374	1.58	0.74	
445	P519	N520	N521		P	120.0	235.4	0.050	0.00026	0.18	0.13	
446	P520	N520	N522 ·		Р	120.0	68.6	0.080	0.00326	0.58	0.65	
447	P521	N522	N523		Р	120.0	304.6	0.050	0.00019	0.13	0.10	
448	P522	N522	N524	}	P	120.0	31.2	0.080	0.00301	0.22	0.60	
449	P523	N524	N525		P	120.0	284.8	0.050	0.00051	0.76	0.26	
450	P524	N525	N526		P	120.0	222.4	0.050	0.00022	0.13	0.11	
451	P525	N526	N527		P	120.0	290.3	0.080	0.00009	0.00	0.02	
452	P526	N527	N524		P	120.0	250.5	0.080	-0.00205	-0.89	-0.41	
453	P527	N527	N528		Р	120.0	36.7	0.080	0.00147	0.07	0.29	
454	P528	N528	N529		Р	120.0	310.7	0.080	0.00064	0.13	0.13	
455	P529	N529	N530		Р	120.0	93.3	0.080	0.00019	0.00	0.04	
456	P530	N528	N531		Р	120.0	23.0	0.080	0.00032	0.00	0.06	
457	P531	N531	N532		P	120.0	309.0	0.050	0.00013	0.06	0.07	
458	P532	N533	N534		Р	120.0	119.0	0.050	-0.00032	-0.13	-0.16	
459	P533	N534	N535		P	120.0	171.8	0.085	-0.00054	-0.04	-0.09	
460	P534	N535	N536		P	120.0	174.2	0.085	-0.00079	-0.08	-0.14	· · · · ·
461	P535	N536	N537		P	120.0	263.1	0.085	-0.00092	-0.16	-0.16	
462	P536	N537	N538		P	120.0	85.2	0.085	-0.00041	-0.01	-0.07	
463	P537	N538	N539		P	120.0	310.7	0.085	0.00099	0.22	0.18	
464	P538	N539	N540		P	120.0	98.8	0.085	0.00080	0.05	0.14	
465	P539	N540	N541		P	120.0	81.1	0.085	0.00061	0.02	0.11	
466	P540	N541	N542		P	120.0	27.8	0.085	0.00042	0.00	0.07	
467	P541	N542	N543		P	120.0	16.6	0.085	0.00023	0.00	0.04	
468	P542	N543	N534		P	120.0	58.2	0.050	-0.00003	0.00	-0.01	
469	P543	N543	N544		P	120.0	33.2	0.050	0.00006	0.00	0.03	
470	P544	N544	N545		P	120.0	86.3	0.050	0.00002	0.00	0.01	
471	P545	N545	N546		P	120.0	160.5	0.050	0.00002	0.00	0.01	
472	P546	N546	N547		P	120.0	89.3	0.050	0.00002	0.00	0.01 0.01	+
473	P547	N547	N548		P	120.0	78.0	0.050	0.00002 -0.00024	-0.03	-0.12	
474	P548	N548	N549		P	120.0	39.5	0.050		-0.03	-0.12	
475	P549	N549	N544		P	120.0	215.3	0.050	0.00009		-0.20	
476	P550	N549	N550		P	120.0	95.4	0.050	-0.00039 0.00045	-0.16	-0.20	-
477	P551	N550	N551		P	120.0	40.4	0.080		0.01		_ <u>_</u>
478	P552	N551	N552		P	120.0	113.9	0.080	0.00026	0.01	0.05	1
479	P553	N552	N553		P	120.0	71.0	0.080	0.00026	0.01	0.05	
480	P554	N553	N554		P	120.0	47.6	0.080	0.00013		-0.12	+
481	P555	N555	N556		P	120.0	91.8	0.080 0.080	-0.00060	-0.03	-0.12	
482	P556	N556	N557		P	120.0	33.9		-0.00073	-0.02	-0.14	1
483	P557	N557	N558		P	120.0	267.6	0.080 0.080	0.00038	0.05	0.08	
484	P558	N559	N560	+	P	120.0		0.080	0.00038	2.81	0.08	- <u> </u>
485	P559	N519	N561	<u> </u>	P	120.0	328.9		0.00329	0.12	0.00	
486	P560	N561	N558		P	120.0	58.0	0.080	0.00156	0.12	0.31	
487	P561	N561	N559		P	120.0	17.3	0.080				
488	P562	N559	N550	0.00000	P	120.0	109.0	0.050	0.00103	1.07	0.53	
489	P563	N366	NV24_1	0.00000	P	120.0	174.8	0.200	0.00000	0.00	0.00	- <u> </u>
490	P564	N555	N562		P	120.0	320.7	0.100	0.00028	0.01	0.04	<u>.</u>
491	P565	N562	N563		P	120.0	375.5	0.100	0.00015	0.00	0.02	
492	P566	N563	N564		P	120.0	171.7	0.150	-0.02168	-2.24	-1.23	
493	P567	N564	N565		P	120.0	83.2	0.100	-0.00272	-0.17	-0.35	-
		N565	N566	1	P	120.0	112.1	0.100	-0.00343	-0.35	-0.44	
494	P568					100.0	400.0	0.150	0.000026	0.17	0 10	
494 495	P569	N566	N507		P	120.0	400.3	0.150	0.00336	0.17	0.19	
494			N507		P P P	120.0 120.0 120.0	400.3 120.3 71.0	0.150 0.085 0.085	0.00336 -0.00064 -0.00102	0.17 -0.04 -0.05	0.19 -0.11 -0.18	+

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499 P72 N868 N869 P 120.0 1971 6.064 0.0012 6.027 6.035 501 P73 N857 N53 P7 120.0 23.9 6.035 6	498	D572	MISCO	N560			100.0	107.1	0.005				
900 P574 N576 N538 P 1800 52.6 Const Const <thcons< th=""> <thcons< th=""> Cons</thcons<></thcons<>													
501 P75 S869 S871 P 120.0 52.6 6.133 0.0021 0.053 -1.20 501 P757 N871 N873 P 120.0 27.6 0.130 0.0021 0.041 0.021 0.041 0.021 0.041 0.021 0.041 0.021 0.041 0.021 0.041 0.021 0.041 0.021 0.041 0.021 0.041 0.021 0.041 0.021 0.041 0.021 0.041 0.021 0.041 0.011 0.021 0.041 0.010 0.021 0.041 0.010 0.021 0.041 0.010 0.021 0.041 0.010 0.021 0.041 0.010 0.021 0.041 0.010 0.021 0.041 0.010 0.011 <td< td=""><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></td<>													
502 P:56 N371 N573 P P200 P264 O.130 O.00420 O.24 O.23 505 P757 N571 N571 P P200 1.49 O.00400 O.00400 O.0000 O.000 <					<u> </u>								
500 P/77 N871 N872 P 1200 27.4 0.150 0.0002 0.02 <th0.02< th=""> 0.02 0.02 0</th0.02<>		PJ/J D576						52.9					
947 P/78 N973 P 120.0 146. 0.000 0.00025 0.000 0.00025 0.000 805 P301 N873 N874 P 120.0 85.0 0.000 0.00005 0.002 0.025 806 P303 N876 N876 N876 N876 N876 N876 N876 N877 N877 N878 P 120.0 173.4 0.150 0.00342 0.017 0.19 910 P343 N876 N877 N878 P 120.0 141.15 0.055 0.00064 0.10 0.19 911 P345 N876 N581 N582 P 120.0 81.3 0.150 0.00104 0.00 0.00 0.07 914 P353 N483 N589 P 120.0 74.4 0.150 0.00104 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 <													
505 P279 N373 N574 P 120.0 2850 0.060 0.00015 0.02 0.05 507 P831 N576 N576 P 120.0 16.7 0.083 0.00019 0.01 0.01 0.02							120.0						
360 P880 N874 N875 P 120.0 85.0 0.000 0.0000 0.000 0.000 380 P881 N870 N876 P 120.0 44.7 0.005 0.00056 0.00 0.009 310 P881 N870 N876 P 120.0 44.7 0.005 0.00056 0.001 0.009 311 P881 N870 N8					· · · · · · · · · · · · · · · · · · ·								
307 P881 N972 N876 P 120.0 164.6 0.150 0.00405 0.101 0.023 305 P383 N376 N576 P 120.0 17.14 0.150 0.00342 0.019 0.19 310 P383 N376 N576 P 120.0 17.14 0.163 0.00341 0.016 0.19 311 P384 N570 N581 N581 P 120.0 224.4 0.055 0.00316 0.013 0.13 312 P384 N581 N581 N581 N580 N590 P 120.0 81.8 0.150 0.00136 0.00 0.01 <													
368 P382 N376 N376 N377 P 120.0 41.7 10.085 1000350 0013 10.09 310 P383 N376 N377 P 120.0 46.5 0.050 0.00734 51.0 1.44 310 P384 N376 N376 P 120.0 44.55 0.0051 0.017 0.17 313 P387 N381 N382 P 120.0 35.3 0.0651 0.00051 0.001 0.06 0.001 315 P347 N583 N582 P 120.0 52.2 0.150 4.0012.0 0.001 0.001 0.001 0.001 0.001 0.001 0.001 0.001 0.011 1.15 1.15 0.150 0.0011 0.011 0.101 1.15 1.15 0.150 0.0011 0.011 0.12 1.15 0.150 0.0011 0.101 0.12 1.15 0.150 0.0011 0.112 1.15 0.150 0.0011													
309 P833 N376 N377 P P20.0 P344 0.150 0.00342 0.017 1.14 311 P345 N377 N578 P 120.0 141.8 0.055 0.00342 0.16 0.19 311 P345 N579 N578 N580 N581 N591 P31 P32.0 74.4 0.150 0.0014 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.001 P31 P													
310 P584 N77 N578 P 120.0 46.5 0.000 0.00291 31.0 148 512 P586 N580 N571 N580 P 120.0 224.6 0.055 0.00051 0.15 0.15 512 P587 N589 N589 P 120.0 23.1 0.0055 0.00051 0.007 0.15 515 P594 N589 N589 N590 P 120.0 43.3 0.0010 0.007 -0.07 516 P595 N590 N591 N591 N592 P 120.0 44.8 0.150 -0.0113 0.010 -0.012 517 P596 N590 N591 N592 P 120.0 31.9 0.160 -0.012 -0.012 -0.012 -0.012 -0.012 -0.012 -0.012 -0.012 -0.012 -0.012 -0.012 -0.012 -0.012 -0.012 -0.012 -0.012 -0.012 -0.012 -0.012													
311 P85 N579 N580 P 120.0 141.8 0.0653 0.0054 0.15 0.15 511 P587 N580 N582 P 120.0 383.3 0.0653 0.0001 0.015 0.00 0.015 515 P597 N580 N580 P 120.0 383.3 0.0653 0.0001 0.00 0.01 <t< td=""><td></td><td></td><td></td><td></td><td>+</td><td></td><td>120.0</td><td></td><td></td><td></td><td></td><td></td><td></td></t<>					+		120.0						
12 P866 N801 N81 P 120.0 224.6 0.0651 0.0031 0.15 514 P851 N481 N888 P 120.0 83.3 0.0651 0.033 0.033 0.033 0.037 0.033 0.037 0.033 0.037 0.033 0.037 0.010 0.010 0.010 0.011 0.010 0.010 0.010 0.010 0.010 0.037 0.010 0.037 0.010 0.021 0.033 0.010 0.010 0.010 0.010 0.010 0.010 0.010 0.010 0.010 0.010 0.010 0.010 0.010 0.010 <td< td=""><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td>i </td></td<>													i
313 P87 NS81 NS82 P 120.0 38.3 0.0051 0.0051 0.015 515 P944 NS88 NS89 P 120.0 58.2 0.150 -0.00138 0.00 -0.055 515 P954 NS88 NS89 P 120.0 77.4 0.150 -0.00124 -0.065 517 P957 NS90 NS90 P 120.0 123.2 0.150 -0.00134 0.01 -0.06 518 P957 NS91 NS92 P 120.0 125.0 -0.00281 0.01 -0.12 520 P959 NS93 NS92 P 120.0 18.7 0.150 -0.00281 0.01 -0.26 521 P602 NS94 NS95 P 120.0 18.7 0.150 0.00418 0.037 0.037 0.037 0.037 0.037 0.037 0.037 0.037 0.037 0.037 0.037 0.037 0.037 0.037<													·
514 P933 N492 N588 N590 P 120.0 81.3 0.150 0.00108 0.00 0.00 516 P595 N589 N590 P 120.0 74.4 0.150 0.00146 0.001 -0.08 517 P595 N590 N591 P 120.0 144.8 0.150 -0.00137 0.00 -0.07 517 P595 N593 N591 N591 P 120.0 140.8 0.01037 0.010 -0.0137 0.01 -0.016 521 P600 N594 N595 N596 P 120.0 85.7 0.150 -0.00611 0.010 -0.21 522 P603 N595 N596 P 120.0 85.2 0.150 0.00611 0.012 0.02 0.21 523 P643 N596 N597 P 120.0 85.7 0.150 0.0012 0.02 0.21 0.21 0.22 0.22 0.02					+								· · · · ·
315 P944 N588 N589 P 120.0 952.2 0.150 0.00120 0.000 0.07 517 P946 N589 N590 P 120.0 744.4 0.150 -0.00159 0.002 0.003 517 P946 N590 N491 P 120.0 62.7 0.150 -0.00159 0.002 0.003 519 P959 N593 N73.1 0.00000 P 120.0 27.7 0.150 -0.00181 0.01 -0.16 520 P960 N594 N595 P 120.0 123.0 0.00181 0.01 -0.22 521 P603 N596 N597 P 120.0 135.2 0.00186 0.01 0.23 525 P605 N599 N599 P 120.0 135.7 0.150 0.00162 0.02 0.051 527 P607 N601 N602 P 120.0 137.7 0.100 0.023													I
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574 P657 N640 N647 P 120.0 180.3 0.125 0.00973 1.30 0.79 575 P658 N647 N648 P 120.0 231.9 0.125 0.00973 1.30 0.79 575 P658 N647 N648 P 120.0 231.9 0.125 0.00973 1.59 0.77 576 P659 N648 N649 P 120.0 42.8 0.100 0.00368 0.15 0.47 577 P660 N649 N650 P 120.0 48.6 0.100 0.00349 0.16 0.44 578 P661 N650 N651 P 120.0 204.5 0.100 0.00310 0.59 0.42 579 P662 N651 N652 P 120.0 152.1 0.100 0.00317 0.41 0.40 580 P663 N652 N653 P 120.0 76.3 0.100 0.00311 <td>571</td> <td>P654</td> <td></td> <td>NICAE .</td> <td></td> <td>1 P</td> <td>120.0</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td>	571	P654		NICAE .		1 P	120.0						
575 P658 N647 N648 P 120.0 231.9 0.125 0.00947 1.59 0.77 576 P659 N648 N649 P 120.0 42.8 0.100 0.00368 0.15 0.47 577 P660 N649 N650 P 120.0 48.6 0.100 0.00349 0.16 0.44 578 P661 N650 N651 P 120.0 204.5 0.100 0.00330 0.59 0.42 579 P662 N651 N652 P 120.0 152.1 0.100 0.00317 0.41 0.40 580 P663 N652 N653 P 120.0 76.3 0.100 0.00311 0.20 0.40	571 572	P654 P655	N644										
576 P659 N648 N649 P 120.0 42.8 0.100 0.00368 0.15 0.47 577 P660 N649 N650 P 120.0 48.6 0.100 0.00368 0.15 0.47 577 P660 N649 N650 P 120.0 48.6 0.100 0.00349 0.16 0.44 578 P661 N650 N651 P 120.0 204.5 0.100 0.00330 0.59 0.42 579 P662 N651 N652 P 120.0 152.1 0.100 0.00317 0.41 0.40 580 P663 N652 N653 P 120.0 76.3 0.100 0.00311 0.20 0.40	571 572 573	P654 P655 P656	N644 N645	N646		Р	120.0						
577 P660 N649 N650 P 120.0 48.6 0.100 0.00349 0.16 0.44 578 P661 N650 N651 P 120.0 204.5 0.100 0.00330 0.59 0.42 579 P662 N651 N652 P 120.0 152.1 0.100 0.00317 0.41 0.40 580 P663 N652 N653 P 120.0 76.3 0.100 0.00311 0.20 0.40	571 572 573 574	P654 P655 P656 P657	N644 N645 N640	N646 N647		P P	120.0 120.0	180.3	0.125	0.00973	1.30	0.79	
578 P661 N650 N651 P 120.0 204.5 0.100 0.00330 0.59 0.42 579 P662 N651 N652 P 120.0 152.1 0.100 0.00317 0.41 0.40 580 P663 N652 N653 P 120.0 76.3 0.100 0.00311 0.20 0.40	571 572 573 574 575	P654 P655 P656 P657 P658	N644 N645 N640 N647	N646 N647 N648		P P P	120.0 120.0 120.0	180.3 231.9	0.125 0.125	0.00973 0.00947	1.30 1.59	0.79 0.77	
579 P662 N651 N652 P 120.0 152.1 0.100 0.00317 0.41 0.40 580 P663 N652 N653 P 120.0 76.3 0.100 0.00311 0.20 0.40	571 572 573 574 575 576	P654 P655 P656 P657 P658 P659	N644 N645 N640 N647 N648	N646 N647 N648 N649		P P P P	120.0 120.0 120.0 120.0	180.3 231.9 42.8	0.125 0.125 0.100	0.00973 0.00947 0.00368	1.30 1.59 0.15	0.79 0.77 0.47	
580 P663 N652 N653 P 120.0 76.3 0.100 0.00311 0.20 0.40	571 572 573 574 575 576 577	P654 P655 P656 P657 P658 P659 P660	N644 N645 N640 N647 N648 N649	N646 N647 N648 N649 N650		P P P P P	120.0 120.0 120.0 120.0 120.0 120.0	180.3 231.9 42.8 48.6	0.125 0.125 0.100 0.100	0.00973 0.00947 0.00368 0.00349	1.30 1.59 0.15 0.16	0.79 0.77 0.47 0.44	
CO1 DCC1 DCC1 0.00 0.00	571 572 573 574 575 576 577 578	P654 P655 P656 P657 P658 P659 P660 P661	N644 N645 N640 N647 N648 N649 N650	N646 N647 N648 N649 N650 N651	· · · · · · · · · · · · · · · · · · ·	P P P P P P	120.0 120.0 120.0 120.0 120.0 120.0 120.0	180.3 231.9 42.8 48.6 204.5	0.125 0.125 0.100 0.100 0.100	0.00973 0.00947 0.00368 0.00349 0.00330	1.30 1.59 0.15 0.16 0.59	0.79 0.77 0.47 0.44 0.42	
$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	571 572 573 574 575 576 576 577 578 579	P654 P655 P656 P657 P658 P659 P660 P660 P661 P662	N644 N645 N640 N647 N648 N649 N650 N651	N646 N647 N648 N649 N650 N651 N652		P P P P P P P	120.0 120.0 120.0 120.0 120.0 120.0 120.0 120.0	180.3 231.9 42.8 48.6 204.5 152.1	0.125 0.125 0.100 0.100 0.100 0.100	0.00973 0.00947 0.00368 0.00349 0.00330 0.00317	1.30 1.59 0.15 0.16 0.59 0.41	0.79 0.77 0.47 0.44 0.42 0.40	
	571 572 573 574 575 576 577 578 578 579 580	P654 P655 P656 P657 P658 P659 P660 P661 P662 P663	N644 N645 N640 N647 N648 N649 N650 N651 N651 N652	N646 N647 N648 N649 N650 N651 N651 N652 N653		P P P P P P P	120.0 120.0 120.0 120.0 120.0 120.0 120.0 120.0 120.0	180.3 231.9 42.8 48.6 204.5 152.1 76.3	0.125 0.125 0.100 0.100 0.100 0.100 0.100	0.00973 0.00947 0.00368 0.00349 0.00330 0.00317 0.00311	1.30 1.59 0.15 0.16 0.59 0.41 0.20	0.79 0.77 0.47 0.44 0.42 0.40 0.40	

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582	P665	N654	N655	P	120.0	42.4	0.100	0.00070	0.00	0.25	1
583	P666	N655	N656	P P				0.00272	0.09	0.35	
					120.0	171.7	0.100	0.00100	0.05	0.13	
584	P667	N656	N657	Р	120.0	90.8	0.100	-0.00555	-0.69	-0.71	1
585	P668	N657	N658	P	120.0	13.1	0.100	-0.00212	-0.02	-0.27	1
586	P669	N658	N632	P	120.0	489.4	0.080	-0.00218	-1.95	-0.43	1
587	P670	N642	N659	Р	120.0	20.5	0.080	-0.00054	-0.01	-0.11	
588	P671	N659	N660	P	120.0	205.9					·
							0.080	-0.00152	-0.42	-0.30	
589	P672	N661	N648	Р	120.0	174.9	0.125	-0.00572	-0.47	-0.47	
590	P673	N643	N662	P	120.0	164.4	0.080	0.00013	0.00	0.03	
591	P674	N643	N659	P	120.0	13.7	0.080	-0.00085	-0.01	-0.17	1
592	P675	N660	N663	P	120.0	219.0	0.080	-0.00172	-0.56	-0.34	
593	P676	N663	N657	P							
					120.0	284.1	0.125	0.00350	0.31	0.28	
594	P677	N663	N661	Р	120.0	14.8	0.080	-0.00521	-0.29	-1.04	
595	P678	N631	N664	Р	120.0	81.4	0.150	0.00236	0.02	0.13	1
596	P679	N664	N665	P	120.0	205.5	0.150	0.00217	0.04	0.12	1.
597	P680	N665	N666	P	120.0	127.1	0.150	0.00185	0.02	0.10	- <u></u>
598	P681	N666	N667	P	120.0	104.2	0.150	0.00185			+
599		N667		P					0.01	0.10	
	P682		N668		120.0	94.6	0.150	0.00159	0.01	0.09	
600	P683	N668	N669	P	120.0	32.1	0.150	0.00159	0.00	0.09	
601	P684	N669	N670	P	120.0	47.2	0.150	-0.00019	0.00	-0.01	
602	P685	N670	N671	P	120.0	131.5	0.150	-0.00032	0.00	-0.02	+
603	P686	N671	N672	P	120.0	41.5	0.150	-0.00038	0.00	-0.02	
604	P687	N673	N656	P							
					120.0	38.5	0.115	-0.00574	-0.16	-0.55	
605	P688	N656	N674	P	120.0	21.4	0.100	0.00068	0.00	0.09	
606	P689	N674	N675	P	120.0	357.4	0.080	0.00013	0.01	0.03	
607	P690	N675	N646	Р	120.0	47.5	0.100	0.00011	0.00	0.01	
608	P691	N675	N676	P	120.0	49.6	0.085	-0.00004	0.00	-0.01	1
609	P692	N676	N677	P	120.0	49.9					
							0.085	-0.00004	0.00	-0.01	
610	P693	N677	N678	P	120.0	369.2	0.085	-0.00011	0.00	-0.02	
611	P694	N678	N674	P	120.0	92.4	0.100	-0.00030	0.00	-0.04	
612	P695	N642	N679	P	120.0	222.8	0.150	0.00084	0.01	0.05	
613	P696	N679	N680	P	120.0	78.4	0.150	0.00071	0.00	0.04	1
614	P697	N680	N681	P P	120.0	368.4	0.150	0.00052	0.00	0.04	
615	P698	N681	N678	P	120.0	32.3	0.130	0.00032			
									0.00	0.01	
616	P699	N681	N682	P	120.0	167.1	0.100	0.00026	0.00	0.03	
617	P700	N682	N683	P	120.0	93.6	0.050	0.00038	0.15	0.20	
618	P701	N683	N684	P	120.0	109.4	0.050	0.00026	0.08	0.13	1
619	P702	N685	N686	Р	120.0	47.8	0.050	0.00051	0.13	0.26	
620	P703	N686	N687	P	120.0	100.5	0.050	0.00038	0.15		
										0.20	
621	P704	N688	N689	P	120.0	48.0	0.200	-0.00102	0.00	-0.03	
622	P705	N689	N690	P	120.0	69.7	0.200	-0.00102	0.00	-0.03	
623	P706	N691	N642	P	120.0	89.6	0.200	-0.00109	0.00	-0.03	
624	P707	NICOI									
024		INOVI	NV29 1 0.00000) P	120.0		0.200	0.00000	0.00	0.00	
		N691	NV29_1 0.00000		120.0	5.2	0.200	0.00000	0.00	0.00	
625	P708	N692	N693	P	120.0	5.2 263.7	0.200	0.00523	0.06	0.17	
625 626	P708 P709	N692 N693	N693 N694	P P	120.0 120.0	5.2 263.7 101.8	0.200 0.100	0.00523 0.00523	0.06	0.17 0.67	
625 626 627	P708 P709 P710	N692 N693 N694	N693 N694 N695 0.00000	P P) P	120.0 120.0 120.0	5.2 263.7 101.8 203.7	0.200 0.100 0.100	0.00523 0.00523 0.00508	0.06 0.69 1.31	0.17 0.67 0.65	
625 626 627 628	P708 P709 P710 P711	N692 N693 N694 N695	N693 N694 N695 0.00000 N696	P P P P P	120.0 120.0 120.0 120.0	5.2 263.7 101.8 203.7 69.4	0.200 0.100	0.00523 0.00523	0.06	0.17 0.67	
625 626 627	P708 P709 P710	N692 N693 N694	N693 N694 N695 0.00000	P P) P	120.0 120.0 120.0	5.2 263.7 101.8 203.7	0.200 0.100 0.100 0.100	0.00523 0.00523 0.00508 0.00489	0.06 0.69 1.31 0.42	0.17 0.67 0.65 0.62	
625 626 627 628 629	P708 P709 P710 P711 P712	N692 N693 N694 N695 N696	N693 N694 N695 0.00000 N696 N697	P P P P P	120.0 120.0 120.0 120.0 120.0	5.2 263.7 101.8 203.7 69.4 420.0	0.200 0.100 0.100 0.100 0.100	0.00523 0.00523 0.00508 0.00489 0.00431	0.06 0.69 1.31 0.42 1.99	0.17 0.67 0.65 0.62 0.55	
625 626 627 628 629 630	P708 P709 P710 P711 P712 P713	N692 N693 N694 N695 N696 N697	N693 N694 N695 0.00000 N696 N697 N698	P P P P P P	120.0 120.0 120.0 120.0 120.0 120.0 120.0	5.2 263.7 101.8 203.7 69.4 420.0 132.9	0.200 0.100 0.100 0.100 0.100 0.100	0.00523 0.00523 0.00508 0.00489 0.00431 -0.00497	0.06 0.69 1.31 0.42 1.99 -0.82	0.17 0.67 0.65 0.62 0.55 -0.63	
625 626 627 628 629 630 631	P708 P709 P710 P711 P712 P713 P715	N692 N693 N694 N695 N696 N697 N699	N693 N694 N695 0.00000 N696 N697 N698 N700	P P P P P P P	120.0 120.0 120.0 120.0 120.0 120.0 120.0 120.0	5.2 263.7 101.8 203.7 69.4 420.0 132.9 278.2	0.200 0.100 0.100 0.100 0.100 0.100 0.100	0.00523 0.00523 0.00508 0.00489 0.00431 -0.00497 -0.00146	0.06 0.69 1.31 0.42 1.99 -0.82 -0.18	0.17 0.67 0.65 0.62 0.55 -0.63 -0.19	
625 626 627 628 629 630 631 632	P708 P709 P710 P711 P712 P713 P715 P716	N692 N693 N694 N695 N696 N697 N699 N700	N693 N694 N695 0.00000 N696 N697 N698 N700 N701	P P P P P P P P P	120.0 120.0 120.0 120.0 120.0 120.0 120.0 120.0 120.0	5.2 263.7 101.8 203.7 69.4 420.0 132.9 278.2 39.6	0.200 0.100 0.100 0.100 0.100 0.100 0.100 0.100	0.00523 0.00523 0.00508 0.00489 0.00431 -0.00497 -0.00146 -0.00320	0.06 0.69 1.31 0.42 1.99 -0.82 -0.18 -0.11	0.17 0.67 0.65 0.62 0.55 -0.63 -0.19 -0.41	
625 626 627 628 629 630 631 632 633	P708 P709 P710 P711 P712 P713 P715 P716 P717	N692 N693 N694 N695 N696 N697 N699 N700 N701	N693 N694 N695 0.00000 N696 N697 N698 N700 N701 N702	P P P P P P P P P P P	120.0 120.0 120.0 120.0 120.0 120.0 120.0 120.0 120.0 120.0	5.2 263.7 101.8 203.7 69.4 420.0 132.9 278.2 39.6 271.8	0.200 0.100 0.100 0.100 0.100 0.100 0.100 0.100 0.100	0.00523 0.00523 0.00508 0.00489 0.00431 -0.00497 -0.00146 -0.00320 0.00634	0.06 0.69 1.31 0.42 1.99 -0.82 -0.18 -0.11 2.63	0.17 0.67 0.65 0.62 0.55 -0.63 -0.19 -0.41 0.81	
625 626 627 628 629 630 631 632 633 634	P708 P709 P710 P711 P712 P713 P715 P716 P717 P718	N692 N693 N694 N695 N696 N697 N699 N700 N701 N702	N693 N694 N695 0.00000 N696 N697 N698 N700 N701 N702 N703	P P P P P P P P P	120.0 120.0 120.0 120.0 120.0 120.0 120.0 120.0 120.0	5.2 263.7 101.8 203.7 69.4 420.0 132.9 278.2 39.6	0.200 0.100 0.100 0.100 0.100 0.100 0.100 0.100	0.00523 0.00523 0.00508 0.00489 0.00431 -0.00497 -0.00146 -0.00320 0.00634 0.00607	0.06 0.69 1.31 0.42 1.99 -0.82 -0.18 -0.11	0.17 0.67 0.65 0.62 0.55 -0.63 -0.19 -0.41	
625 626 627 628 629 630 631 632 633 634	P708 P709 P710 P711 P712 P713 P715 P716 P717 P718	N692 N693 N694 N695 N696 N697 N699 N700 N701 N702	N693 N694 N695 0.00000 N696 N697 N698 N700 N701 N702 N703	P P P P P P P P P P P P P P P P P	120.0 120.0 120.0 120.0 120.0 120.0 120.0 120.0 120.0 120.0 120.0	5.2 263.7 101.8 203.7 69.4 420.0 132.9 278.2 39.6 271.8 79.6	0.200 0.100 0.100 0.100 0.100 0.100 0.100 0.100 0.100 0.100	0.00523 0.00523 0.00508 0.00489 0.00431 -0.00497 -0.00146 -0.00320 0.00634 0.00607	0.06 0.69 1.31 0.42 1.99 -0.82 -0.18 -0.11 2.63 0.71	0.17 0.67 0.65 0.62 0.55 -0.63 -0.19 -0.41 0.81 0.77	
625 626 627 628 629 630 631 632 633 634 635	P708 P709 P710 P711 P712 P713 P715 P716 P717 P718 P719	N692 N693 N694 N695 N696 N697 N699 N700 N701 N702 N703	N693 N694 N695 0.00000 N696 N697 N698 N700 N701 N702 N703 N698	P P	120.0 120.0 120.0 120.0 120.0 120.0 120.0 120.0 120.0 120.0 120.0 120.0	5.2 263.7 101.8 203.7 69.4 420.0 132.9 278.2 39.6 271.8 79.6 28.9	0.200 0.100 0.100 0.100 0.100 0.100 0.100 0.100 0.100 0.100 0.100	0.00523 0.00523 0.00508 0.00489 0.00431 -0.00497 -0.00146 -0.00320 0.00634 0.00607 0.00534	0.06 0.69 1.31 0.42 1.99 -0.82 -0.18 -0.11 2.63 0.71 0.20	0.17 0.67 0.65 0.62 0.55 -0.63 -0.19 -0.41 0.81 0.77 0.68	
625 626 627 628 629 630 631 632 633 634 635 636	P708 P709 P710 P711 P712 P713 P715 P715 P716 P717 P718 P719 P720	N692 N693 N694 N695 N696 N699 N700 N700 N701 N702 N703 N701	N693 N694 N695 0.00000 N696 N697 N698 N700 N701 N702 N703 N698 N704	P P	120.0 120.0 120.0 120.0 120.0 120.0 120.0 120.0 120.0 120.0 120.0 120.0 120.0	5.2 263.7 101.8 203.7 69.4 420.0 132.9 278.2 39.6 271.8 79.6 28.9 29.4	0.200 0.100 0.100 0.100 0.100 0.100 0.100 0.100 0.100 0.100 0.100 0.100	0.00523 0.00523 0.00508 0.00489 0.00431 -0.00497 -0.00146 -0.00320 0.00634 0.00607 0.00534 -0.01018	0.06 0.69 1.31 0.42 1.99 -0.82 -0.18 -0.11 2.63 0.71 0.20 -0.68	0.17 0.67 0.65 0.55 -0.63 -0.19 -0.41 0.81 0.77 0.68 -1.30	
625 626 627 628 629 630 631 632 633 634 635 636 637	P708 P709 P710 P711 P712 P713 P715 P716 P717 P718 P719 P720 P721	N692 N693 N694 N695 N696 N697 N699 N700 N701 N700 N703 N701 N706	N693 N694 N695 0.00000 N696 N697 N698 N700 N701 N702 N703 N698 N704	P P	120.0 120.0 120.0 120.0 120.0 120.0 120.0 120.0 120.0 120.0 120.0 120.0 120.0 120.0	5.2 263.7 101.8 203.7 69.4 420.0 132.9 278.2 39.6 271.8 79.6 28.9 29.4 219.5	0.200 0.100 0.100 0.100 0.100 0.100 0.100 0.100 0.100 0.100 0.100 0.100 0.100	0.00523 0.00523 0.00508 0.00489 0.00431 -0.00497 -0.00146 -0.00320 0.00634 0.00607 0.00534 -0.01018 0.00201	0.06 0.69 1.31 0.42 1.99 -0.82 -0.18 -0.11 2.63 0.71 0.20 -0.68 0.75	0.17 0.67 0.65 0.62 0.55 -0.63 -0.19 -0.41 0.81 0.77 0.68 -1.30 0.40	
625 626 627 628 629 630 631 632 633 634 635 636 637 638	P708 P709 P710 P711 P712 P713 P715 P716 P717 P718 P719 P720 P721 P722	N692 N693 N694 N695 N696 N699 N700 N701 N700 N701 N703 N701 N706 N707	N693 N694 N695 0.00000 N696 N697 N698 N700 N701 N702 N703 N698 N704 N707 N708	P P	120.0 120.0 120.0 120.0 120.0 120.0 120.0 120.0 120.0 120.0 120.0 120.0 120.0 120.0 120.0 120.0	5.2 263.7 101.8 203.7 69.4 420.0 132.9 278.2 39.6 271.8 79.6 28.9 29.4 219.5 137.8	0.200 0.100 0.100 0.100 0.100 0.100 0.100 0.100 0.100 0.100 0.100 0.100 0.100 0.100 0.100 0.100	0.00523 0.00523 0.00508 0.00489 0.00431 -0.00497 -0.00146 -0.00320 0.00634 0.00607 0.00534 -0.01018 0.00201 0.00192	0.06 0.69 1.31 0.42 1.99 -0.82 -0.18 -0.11 2.63 0.71 0.20 -0.68 0.75 0.02	0.17 0.67 0.65 0.62 0.55 -0.63 -0.19 -0.41 0.81 0.77 0.68 -1.30 0.40 0.11	
625 626 627 628 629 630 631 632 633 634 635 636 637 638 639	P708 P709 P710 P711 P712 P713 P715 P716 P716 P717 P718 P719 P720 P721 P722 P723	N692 N693 N694 N695 N697 N699 N700 N700 N701 N701 N701 N701 N707 N655	N693 N694 N695 0.00000 N696 N697 N698 N700 N701 N702 N703 N698 N704 N707 N708 N709	P P	120.0 120.0 120.0 120.0 120.0 120.0 120.0 120.0 120.0 120.0 120.0 120.0 120.0 120.0 120.0 120.0 120.0 120.0	5.2 263.7 101.8 203.7 69.4 420.0 132.9 278.2 39.6 271.8 79.6 28.9 29.4 219.5 137.8 115.0	0.200 0.100 0.100 0.100 0.100 0.100 0.100 0.100 0.100 0.100 0.100 0.100 0.100 0.100 0.100 0.100 0.100	0.00523 0.00523 0.00508 0.00489 0.00431 -0.00497 -0.00146 -0.00320 0.00634 0.00607 0.00534 -0.01018 0.00201 0.000192 0.00153	0.06 0.69 1.31 0.42 1.99 -0.82 -0.18 -0.11 2.63 0.71 0.20 -0.68 0.75 0.02 0.08	0.17 0.67 0.65 0.62 0.55 -0.63 -0.19 -0.41 0.77 0.68 -1.30 0.40 0.40 0.11 0.19	
625 626 627 628 629 630 631 632 633 634 635 636 637 638 639 640	P708 P709 P710 P711 P712 P713 P715 P716 P717 P716 P717 P718 P719 P720 P721 P722 P723 P724	N692 N693 N694 N695 N696 N697 N699 N700 N701 N702 N703 N701 N706 N707 N655 N709	N693 N694 N695 0.00000 N696 N697 N698 N700 N701 N702 N703 N698 N704 N707 N708 N710 N709 N710	P P	120.0 120.0 120.0 120.0 120.0 120.0 120.0 120.0 120.0 120.0 120.0 120.0 120.0 120.0 120.0 120.0 120.0	5.2 263.7 101.8 203.7 69.4 420.0 132.9 278.2 39.6 271.8 79.6 28.9 29.4 219.5 137.8 115.0 65.1	0.200 0.100 0.100 0.100 0.100 0.100 0.100 0.100 0.100 0.100 0.100 0.100 0.100 0.100 0.100 0.100	0.00523 0.00523 0.00508 0.00489 0.00431 -0.00497 -0.00146 -0.00320 0.00634 0.00607 0.00534 -0.01018 0.00201 0.00192 0.00153 0.00116	0.06 0.69 1.31 0.42 1.99 -0.82 -0.18 -0.11 2.63 0.71 0.20 -0.68 0.75 0.02	0.17 0.67 0.65 0.62 0.55 -0.63 -0.19 -0.41 0.81 0.77 0.68 -1.30 0.40 0.11	
625 626 627 628 629 630 631 632 633 634 635 636 637 638 639	P708 P709 P710 P711 P712 P713 P715 P716 P717 P716 P717 P718 P719 P720 P721 P722 P723 P724	N692 N693 N694 N695 N697 N699 N700 N700 N701 N701 N701 N701 N707 N655	N693 N694 N695 0.00000 N696 N697 N698 N700 N701 N702 N703 N698 N704 N707 N708 N709	P P	120.0 120.0 120.0 120.0 120.0 120.0 120.0 120.0 120.0 120.0 120.0 120.0 120.0 120.0 120.0 120.0 120.0	5.2 263.7 101.8 203.7 69.4 420.0 132.9 278.2 39.6 271.8 79.6 28.9 29.4 219.5 137.8 115.0 65.1	0.200 0.100 0.100 0.100 0.100 0.100 0.100 0.100 0.100 0.100 0.100 0.100 0.100 0.150 0.100	0.00523 0.00523 0.00508 0.00489 0.00431 -0.00497 -0.00146 -0.00320 0.00634 0.00607 0.00534 -0.01018 0.00201 0.00192 0.00153 0.00116	0.06 0.69 1.31 0.42 1.99 -0.82 -0.18 -0.11 2.63 0.71 0.20 -0.68 0.75 0.02 0.08 0.03	0.17 0.67 0.65 0.62 0.55 -0.63 -0.19 -0.41 0.77 0.68 -1.30 0.40 0.11 0.19 0.15	
625 626 627 628 629 630 631 632 633 634 635 636 637 638 639 640	P708 P709 P710 P711 P712 P713 P715 P716 P717 P717 P717 P718 P719 P720 P721 P722 P723 P723 P724 P725	N692 N693 N694 N695 N696 N700 N700 N700 N700 N703 N701 N706 N707 N655 N709 N710	N693 N694 N695 0.00000 N696 N697 N698 N700 N701 N702 N703 N698 N704 N707 N708 N709 N710 N711	P P	120.0 120.0 120.0 120.0 120.0 120.0 120.0 120.0 120.0 120.0 120.0 120.0 120.0 120.0 120.0 120.0 120.0 120.0 120.0	5.2 263.7 101.8 203.7 69.4 420.0 132.9 278.2 39.6 271.8 79.6 28.9 29.4 219.5 137.8 115.0 65.1 49.9	0.200 0.100 0.100 0.100 0.100 0.100 0.100 0.100 0.100 0.100 0.100 0.100 0.100 0.100 0.100 0.100 0.100 0.100 0.100	0.00523 0.00523 0.00508 0.00489 0.00431 -0.00497 -0.00146 -0.00320 0.00634 0.00607 0.00534 -0.01018 0.00201 0.00192 0.00153 0.00116 0.00026	0.06 0.69 1.31 0.42 1.99 -0.82 -0.18 -0.11 2.63 0.71 0.20 -0.68 0.75 0.02 0.08 0.03 0.04	0.17 0.67 0.65 0.62 0.55 -0.63 -0.19 -0.41 0.81 0.77 0.68 -1.30 0.40 0.11 0.19 0.15 0.13	
625 626 627 628 629 630 631 632 633 634 635 636 637 638 639 640 641	P708 P709 P710 P711 P712 P713 P715 P716 P717 P716 P717 P718 P719 P720 P721 P722 P723 P724 P725 P726	N692 N693 N694 N695 N697 N699 N700 N700 N700 N700 N703 N701 N706 N707 N655 N709 N710 N711	N693 N694 N695 0.00000 N696 0.00000 N697 0.00000 N698 N700 N701 N702 N703 N698 N704 N707 N708 N709 N710 N711 N712	P P	120.0 120.0	5.2 263.7 101.8 203.7 69.4 420.0 132.9 278.2 39.6 271.8 79.6 28.9 29.4 219.5 137.8 115.0 65.1 49.9 233.7	0.200 0.100 0.100 0.100 0.100 0.100 0.100 0.100 0.100 0.100 0.100 0.100 0.100 0.150 0.100 0.100 0.100 0.100 0.050	0.00523 0.00523 0.00508 0.00489 0.00431 -0.00497 -0.00146 -0.00320 0.00634 0.00607 0.00534 -0.01018 0.00201 0.00192 0.00153 0.00116 0.00026 0.00017	0.06 0.69 1.31 0.42 1.99 -0.82 -0.18 -0.11 2.63 0.71 0.20 -0.68 0.75 0.02 0.08 0.03 0.04 0.08	0.17 0.67 0.65 0.62 0.55 -0.63 -0.19 -0.41 0.81 0.77 0.68 -1.30 0.40 0.11 0.19 0.15 0.13 0.09	
625 626 627 628 629 630 631 632 633 634 635 636 637 638 639 641 642	P708 P709 P710 P711 P712 P713 P715 P716 P717 P718 P719 P720 P721 P722 P723 P724 P725 P726 P727	N692 N693 N694 N695 N696 N697 N699 N700 N701 N702 N703 N700 N703 N700 N707 N655 N709 N710 N711 N712	N693 N694 N695 0.00000 N696 0.00000 N697 0.00000 N698 N700 N701 N702 N703 N698 N704 N707 N708 N709 N710 N711 N712 N673	P P	120.0 120.0	5.2 263.7 101.8 203.7 69.4 420.0 132.9 278.2 39.6 271.8 79.6 28.9 29.4 219.5 137.8 115.0 65.1 49.9 233.7 54.9	0.200 0.100 0.050 0.050 0.050 0.115	0.00523 0.00523 0.00508 0.00489 0.00431 -0.00497 -0.00146 -0.00320 0.00634 0.00607 0.00534 -0.01018 0.00201 0.00192 0.00153 0.00116 0.00026 0.000017 -0.00145	0.06 0.69 1.31 0.42 1.99 -0.82 -0.18 -0.11 2.63 0.71 0.20 -0.68 0.75 0.02 0.08 0.03 0.04 0.08 -0.02	0.17 0.67 0.65 0.62 0.55 -0.63 -0.19 -0.41 0.81 0.77 0.68 -1.30 0.40 0.11 0.19 0.15 0.13 0.09 -0.14	
625 626 627 628 629 630 631 632 633 634 635 636 637 638 639 640 643 644	P708 P709 P710 P711 P712 P713 P715 P716 P717 P718 P719 P720 P721 P720 P721 P722 P723 P724 P725 P726 P726 P728	N692 N693 N694 N695 N696 N700 N700 N701 N702 N703 N701 N706 S5 N709 N710 N711 N7112 N712 N673	N693 N694 N695 0.00000 N696 N697 N698 N700 N701 N701 N703 N698 N704 N707 N708 N709 N711 N712 N673 N713	P P	120.0 12	5.2 263.7 101.8 203.7 69.4 420.0 132.9 278.2 39.6 271.8 79.6 28.9 29.4 219.5 137.8 115.0 65.1 49.9 233.7 54.9 117.0	0.200 0.100 0.100 0.100 0.100 0.100 0.100 0.100 0.100 0.100 0.100 0.100 0.100 0.100 0.100 0.100 0.100 0.150 0.050 0.115 0.150	0.00523 0.00523 0.00508 0.00489 0.00431 -0.00497 -0.00146 -0.00320 0.00634 0.00607 0.00534 -0.01018 0.00201 0.00153 0.00116 0.000192 0.000153 0.000145 0.000145 0.000340	0.06 0.69 1.31 0.42 1.99 -0.82 -0.18 -0.11 2.63 0.71 0.20 -0.68 0.75 0.02 0.08 0.03 0.04 0.08 -0.02 0.05	$\begin{array}{c} 0.17\\ 0.67\\ 0.65\\ 0.62\\ 0.55\\ -0.63\\ -0.19\\ -0.41\\ 0.81\\ 0.77\\ 0.68\\ -1.30\\ 0.40\\ 0.11\\ 0.19\\ 0.15\\ 0.13\\ 0.09\\ -0.14\\ 0.19\end{array}$	
625 626 627 628 629 630 631 632 633 634 635 636 637 638 639 640 641 642 643 644 645	P708 P709 P710 P711 P712 P713 P715 P716 P717 P718 P719 P720 P721 P720 P721 P722 P723 P724 P725 P726 P726 P727 P728 P729	N692 N693 N694 N695 N696 N700 N701 N700 N701 N703 N701 N703 N701 N705 N707 N655 N709 N710 N711 N711 N712 N673 N713	N693 N694 N695 0.00000 N696 N697 N698 N700 N701 N702 N703 N698 N704 N707 N708 N710 N710 N711 N712 N673 N713 N714	P P	120.0 12	5.2 263.7 101.8 203.7 69.4 420.0 132.9 278.2 39.6 271.8 79.6 28.9 29.4 219.5 137.8 115.0 65.1 49.9 233.7 54.9 117.0 126.3	0.200 0.100 0.050 0.050 0.050 0.115	0.00523 0.00523 0.00508 0.00489 0.00431 -0.00497 -0.00146 -0.00320 0.00634 0.00607 0.00534 -0.01018 0.00201 0.00153 0.00116 0.00026 0.00017 -0.00145 0.00340 0.00320	0.06 0.69 1.31 0.42 1.99 -0.82 -0.18 -0.11 2.63 0.71 0.20 -0.68 0.75 0.02 0.08 0.03 0.04 0.08 -0.02	0.17 0.67 0.65 0.62 0.55 -0.63 -0.19 -0.41 0.81 0.77 0.68 -1.30 0.40 0.11 0.19 0.15 0.13 0.09 -0.14	
625 626 627 628 629 630 631 632 633 634 635 636 637 638 639 640 643 644	P708 P709 P710 P711 P712 P713 P715 P716 P717 P717 P718 P719 P720 P721 P720 P721 P722 P723 P724 P725 P726 P727 P728 P729 P730	N692 N693 N694 N695 N696 N700 N700 N700 N700 N701 N702 N703 N701 N706 N707 N655 N709 N710 N711 N712 N673 N713 N714	N693 N694 N695 0.00000 N696 N697 N698 N700 N701 N701 N703 N698 N704 N707 N708 N709 N711 N712 N673 N713	P P	120.0 12	5.2 263.7 101.8 203.7 69.4 420.0 132.9 278.2 39.6 271.8 79.6 28.9 29.4 219.5 137.8 115.0 65.1 49.9 233.7 54.9 117.0 126.3	0.200 0.100 0.100 0.100 0.100 0.100 0.100 0.100 0.100 0.100 0.100 0.100 0.100 0.100 0.100 0.100 0.100 0.150 0.050 0.115 0.150	0.00523 0.00523 0.00508 0.00489 0.00431 -0.00497 -0.00146 -0.00320 0.00634 0.00607 0.00534 -0.01018 0.00201 0.00153 0.00116 0.000192 0.000153 0.000145 0.000145 0.000340	0.06 0.69 1.31 0.42 1.99 -0.82 -0.18 -0.11 2.63 0.71 0.20 -0.68 0.75 0.02 0.08 0.03 0.04 0.08 -0.02 0.05	$\begin{array}{c} 0.17\\ 0.67\\ 0.65\\ 0.62\\ 0.55\\ -0.63\\ -0.19\\ -0.41\\ 0.81\\ 0.77\\ 0.68\\ -1.30\\ 0.40\\ 0.11\\ 0.19\\ 0.15\\ 0.13\\ 0.09\\ -0.14\\ 0.19\end{array}$	
625 626 627 628 629 630 631 632 633 634 635 636 637 638 639 639 640 641 642 643 644 645 646	P708 P709 P710 P711 P712 P713 P715 P716 P717 P717 P718 P719 P720 P721 P720 P721 P722 P723 P724 P725 P726 P727 P728 P729 P730	N692 N693 N694 N695 N696 N700 N700 N700 N700 N701 N702 N703 N701 N706 N707 N655 N709 N710 N711 N712 N673 N713 N714	N693 N694 N695 0.00000 N696 N697 N698 N700 N701 N702 N703 N698 N704 N707 N708 N710 N710 N701 N703 N698 N704 N707 N708 N710 N711 N712 N673 N713 N714 N715	P P	120.0 120.0	5.2 263.7 101.8 203.7 69.4 420.0 132.9 278.2 39.6 271.8 79.6 28.9 29.4 219.5 137.8 115.0 65.1 49.9 233.7 54.9 117.0 126.3 470.7	0.200 0.100 0.100 0.100 0.100 0.100 0.100 0.100 0.100 0.100 0.100 0.100 0.100 0.100 0.100 0.150 0.150 0.150 0.150 0.150 0.080	0.00523 0.00523 0.00508 0.00489 0.00431 -0.00497 -0.00146 -0.00320 0.00634 0.00607 0.00534 -0.01018 0.00201 0.00153 0.00116 0.00026 0.00017 -0.00145 0.00340 0.000320 0.00056	0.06 0.69 1.31 0.42 1.99 -0.82 -0.18 -0.11 2.63 0.71 0.20 -0.68 0.75 0.02 0.08 0.03 0.04 0.08 -0.02 0.05 0.05 0.15	0.17 0.67 0.65 0.62 0.55 -0.63 -0.19 -0.41 0.81 0.77 0.68 -1.30 0.40 0.11 0.19 0.15 0.13 0.09 -0.14 0.19 0.18 0.19	
625 626 627 628 629 630 631 632 633 634 635 636 637 638 6390 641 642 643 644 645 646 647	P708 P709 P710 P711 P712 P713 P715 P716 P717 P717 P718 P719 P720 P721 P722 P723 P724 P725 P724 P725 P726 P727 P728 P728 P729 P730 P731	N692 N693 N694 N695 N697 N699 N700 N701 N702 N703 N701 N706 N707 N655 N709 N710 N711 N712 N673 N713 N714 N715	N693 N694 N695 0.00000 N696 N697 N698 N700 N701 N702 N703 N698 N704 N707 N708 N709 N710 N711 N712 N673 N713 N714 N715 N716	P P	120.0 120.0	5.2 263.7 101.8 203.7 69.4 420.0 132.9 278.2 39.6 271.8 79.6 28.9 29.4 219.5 137.8 115.0 65.1 49.9 233.7 54.9 117.0 126.3 470.7 229.0	0.200 0.100 0.100 0.100 0.100 0.100 0.100 0.100 0.100 0.100 0.100 0.100 0.100 0.100 0.100 0.100 0.100 0.100 0.100 0.150 0.150 0.150 0.080 0.100	0.00523 0.00523 0.00508 0.00489 0.00431 -0.00497 -0.00146 -0.00320 0.00634 0.00607 0.00534 -0.01018 0.00201 0.00192 0.00153 0.00116 0.00026 0.00017 -0.00145 0.00340 0.00036 -0.00106	0.06 0.69 1.31 0.42 1.99 -0.82 -0.18 -0.11 2.63 0.71 0.20 -0.68 0.75 0.02 0.08 0.03 0.04 0.08 -0.02 0.05 0.05 0.15 -0.08	0.17 0.67 0.65 0.62 0.55 -0.63 -0.19 -0.41 0.81 0.77 0.68 -1.30 0.40 0.11 0.19 0.15 0.13 0.09 -0.14 0.18 0.11 -0.14	
625 626 627 628 629 630 631 632 633 634 635 636 637 638 639 640 641 642 643 644 645 646 647 648	P708 P709 P710 P711 P712 P713 P715 P716 P717 P718 P719 P720 P721 P722 P723 P724 P725 P726 P727 P728 P726 P727 P728 P729 P730 P731 P732	N692 N693 N694 N695 N696 N700 N700 N700 N702 N703 N703 N703 N707 N655 N709 N707 N655 N709 N710 N711 N712 N673 N713 N714 N715 N716	N693 N694 N695 0.00000 N696 N697 N698 N700 N701 N702 N703 N698 N704 N707 N708 N709 N711 N712 N673 N713 N714 N715 N716 N712	P P	120.0 12	5.2 263.7 101.8 203.7 69.4 420.0 132.9 278.2 39.6 271.8 79.6 28.9 29.4 219.5 137.8 115.0 65.1 49.9 233.7 54.9 117.0 126.3 470.7 229.0 403.7	0.200 0.100 0.100 0.100 0.100 0.100 0.100 0.100 0.100 0.100 0.100 0.100 0.100 0.100 0.100 0.100 0.100 0.100 0.150 0.150 0.150 0.150 0.100 0.115	0.00523 0.00523 0.00508 0.00489 0.00431 -0.00497 -0.00146 -0.00320 0.00634 0.00607 0.00534 -0.01018 0.00201 0.00153 0.00116 0.00026 0.00017 -0.00145 0.00340 0.00320 0.00056 -0.00106 -0.00156	0.06 0.69 1.31 0.42 1.99 -0.82 -0.18 -0.11 2.63 0.71 0.20 -0.68 0.75 0.02 0.08 0.03 0.04 0.08 -0.02 0.05 0.15 -0.08 -0.15	0.17 0.67 0.65 0.62 0.55 -0.63 -0.19 -0.41 0.81 0.77 0.68 -1.30 0.40 0.11 0.19 0.15 0.13 0.09 -0.14 0.19 0.18 0.11 -0.14 -0.15	
625 626 627 628 629 630 631 632 633 634 635 636 637 638 639 640 641 642 643 644 645 646 647 648 649	P708 P709 P710 P711 P712 P713 P715 P716 P717 P718 P719 P720 P721 P720 P721 P722 P723 P724 P725 P726 P726 P727 P728 P729 P730 P731 P732 P733	N692 N693 N694 N695 N697 N699 N700 N701 N702 N703 N701 N702 N703 N701 N707 N655 N709 N710 N710 N711 N712 N673 N713 N714 N715 N716 N717	N693 N694 N695 0.00000 N696 N697 N698 N700 N701 N701 N703 N698 N704 N707 N708 N709 N710 N711 N712 N673 N713 N714 N715 N716 N712 N718	P P	120.0 12	5.2 263.7 101.8 203.7 69.4 420.0 132.9 278.2 39.6 271.8 79.6 28.9 29.4 219.5 137.8 115.0 65.1 49.9 233.7 54.9 117.0 126.3 470.7 229.0 403.7 22.8	$\begin{array}{c} 0.200\\ 0.100\\ 0.100\\ 0.100\\ 0.100\\ 0.100\\ 0.100\\ 0.100\\ 0.100\\ 0.100\\ 0.100\\ 0.100\\ 0.080\\ 0.150\\ 0.050\\ 0.050\\ 0.050\\ 0.050\\ 0.150\\ 0.150\\ 0.150\\ 0.150\\ 0.150\\ 0.150\\ 0.150\\ 0.150\\ 0.100\\ 0.100\\ 0.115\\ 0.100\\ 0.100\\ 0.115\\ 0.100\\ 0.$	0.00523 0.00523 0.00508 0.00489 0.00431 -0.00497 -0.00146 -0.00320 0.00634 0.00607 0.00534 -0.01018 0.00201 0.00153 0.00116 0.00026 0.000177 -0.00145 0.00340 0.000320 0.00056 -0.00156 -0.00006	0.06 0.69 1.31 0.42 1.99 -0.82 -0.18 -0.11 2.63 0.71 0.20 -0.68 0.75 0.02 0.08 0.03 0.04 0.08 0.03 0.04 0.08 -0.02 0.05 0.15 -0.08 -0.15 0.00	0.17 0.67 0.65 0.62 0.55 -0.63 -0.19 -0.41 0.77 0.68 -1.30 0.40 0.11 0.19 0.15 0.13 0.09 -0.14 0.19 0.18 0.11 0.19 0.18 0.11 0.11 -0.14 -0.15 -0.01	
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625 626 627 628 629 630 631 632 633 634 635 636 637 638 639 640 641 642 643 644 645 646 647 648 649 650 651	P708 P709 P710 P711 P712 P713 P715 P716 P717 P717 P718 P719 P720 P721 P722 P723 P724 P725 P726 P727 P728 P727 P728 P729 P730 P731 P732 P733 P734 P735	N692 N693 N694 N695 N696 N700 N700 N700 N701 N702 N703 N701 N706 N707 N655 N709 N710 N711 N712 N673 N713 N714 N715 N716 N717 N718 N719	N693 N694 N695 0.00000 N696 N697 N698 N700 N701 N702 N703 N698 N704 N707 N708 N710 N710 N711 N712 N673 N713 N714 N715 N716 N712 N718 N719 N720	P P	120.0 12	5.2 263.7 101.8 203.7 69.4 420.0 132.9 278.2 39.6 271.8 79.6 28.9 29.4 219.5 137.8 115.0 65.1 49.9 233.7 54.9 117.0 126.3 470.7 229.0 403.7 22.8	0.200 0.100 0.100 0.100 0.100 0.100 0.100 0.100 0.100 0.100 0.100 0.100 0.100 0.100 0.100 0.150 0.150 0.150 0.150 0.150 0.150 0.150 0.150 0.100 0.100 0.100 0.100 0.100	0.00523 0.00523 0.00508 0.00489 0.00431 -0.00497 -0.00146 -0.00320 0.00634 0.00607 0.00534 -0.01018 0.00201 0.00153 0.00116 0.00026 0.00017 -0.00145 0.000320 0.00056 -0.00106 -0.00051 -0.00051 -0.00076	0.06 0.69 1.31 0.42 1.99 -0.82 -0.18 -0.11 2.63 0.71 0.20 -0.68 0.75 0.02 0.08 0.03 0.04 0.08 0.03 0.04 0.08 -0.02 0.05 0.15 -0.08 -0.15 0.00	0.17 0.67 0.65 0.62 0.55 -0.63 -0.19 -0.41 0.77 0.68 -1.30 0.40 0.11 0.19 0.15 0.13 0.09 -0.14 0.19 0.18 0.11 0.19 0.18 0.11 0.11 -0.14 -0.15 -0.01	
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625 626 627 628 629 630 631 632 633 634 635 636 637 638 639 640 641 642 643 644 645 646 647 648 649 650 651 652	P708 P709 P710 P711 P712 P713 P715 P716 P717 P718 P719 P720 P721 P722 P723 P724 P725 P724 P725 P726 P727 P728 P727 P728 P729 P730 P731 P732 P733 P734 P735 P736	N692 N693 N694 N695 N696 N700 N700 N700 N701 N702 N703 N701 N706 N707 N655 N709 N710 N711 N712 N673 N713 N714 N715 N716 N717 N718 N719 N720	N693 N694 N695 0.00000 N696 N697 N698 N700 N701 N702 N703 N698 N704 N707 N708 N709 N711 N712 N673 N713 N715 N714 N715 N716 N718 N719 N720 N721	P P	120.0 12	$\begin{array}{c} 5.2\\ 263.7\\ 101.8\\ 203.7\\ 69.4\\ 420.0\\ 132.9\\ 278.2\\ 39.6\\ 271.8\\ 79.6\\ 28.9\\ 29.4\\ 219.5\\ 137.8\\ 115.0\\ 65.1\\ 149.9\\ 233.7\\ 54.9\\ 117.0\\ 126.3\\ 470.7\\ 229.0\\ 403.7\\ 22.8\\ 23.6\\ 145.1\\ 80.8\\ \end{array}$	0.200 0.100 0.100 0.100 0.100 0.100 0.100 0.100 0.100 0.100 0.100 0.100 0.100 0.100 0.100 0.100 0.100 0.150 0.150 0.150 0.150 0.150 0.150 0.100 0.150 0.150 0.150 0.150 0.150 0.150 0.150 0.150 0.100	0.00523 0.00523 0.00508 0.00489 0.00431 -0.00497 -0.00146 -0.00320 0.00634 0.00607 0.00534 -0.01018 0.00201 0.00153 0.00116 0.00026 0.00017 -0.00145 0.00320 0.000320 0.00056 -0.00166 -0.00056 -0.00066 -0.00051 -0.00076 -0.00076 -0.00083	0.06 0.69 1.31 0.42 1.99 -0.82 -0.18 -0.11 2.63 0.71 0.20 -0.68 0.75 0.02 0.08 0.03 0.04 0.08 -0.02 0.05 0.05 0.15 -0.08 -0.15 0.00 0.00 -0.03 -0.02	0.17 0.67 0.65 0.62 0.55 -0.63 -0.19 -0.41 0.81 0.77 0.68 -1.30 0.40 0.11 0.19 0.15 0.13 0.09 -0.14 0.19 0.15 0.13 0.09 -0.14 -0.15 0.11 -0.14 -0.15 -0.01 -0.01 -0.01 -0.01 -0.01 -0.01 -0.01 -0.01 -0.01 -0.01 -0.01 -0.01 -0.11 -0.01 -0.01 -0.11 -0.12 -	
625 626 627 628 629 630 631 632 633 634 635 636 637 638 639 640 641 642 643 644 645 646 647 648 649 650 651 652 653	P708 P709 P710 P711 P712 P713 P715 P716 P717 P718 P719 P720 P721 P722 P723 P722 P723 P724 P725 P726 P727 P728 P726 P727 P728 P729 P730 P731 P732 P733 P734 P735 P736 P737	N692 N693 N694 N695 N696 N700 N700 N700 N702 N703 N703 N703 N703 N707 N655 N709 N707 N655 N709 N710 N710 N711 N712 N673 N713 N714 N715 N716 N717 N718 N719 N720 N721	N693 N694 N695 0.00000 N696 N697 N698 N700 N701 N702 N703 N698 N704 N707 N708 N709 N710 N711 N712 N673 N713 N714 N715 N716 N712 N718 N719 N720 N721 N721	P P	120.0 12	$\begin{array}{c} 5.2\\ 263.7\\ 101.8\\ 203.7\\ 69.4\\ 420.0\\ 132.9\\ 278.2\\ 39.6\\ 271.8\\ 79.6\\ 28.9\\ 29.4\\ 219.5\\ 137.8\\ 115.0\\ 65.1\\ 149.9\\ 233.7\\ 54.9\\ 117.0\\ 126.3\\ 470.7\\ 22.8\\ 23.6\\ 145.1\\ 80.8\\ 53.7\\ \end{array}$	0.200 0.100 0.100 0.100 0.100 0.100 0.100 0.100 0.100 0.100 0.100 0.100 0.100 0.100 0.100 0.100 0.150 0.150 0.150 0.150 0.150 0.150 0.150 0.100 0.150 0.150 0.150 0.150 0.150 0.150 0.150 0.150 0.100 0.100 0.100 0.100 0.100 0.100 0.100 0.100 0.150 0.150 0.100 0.100 0.100 0.100 0.100 0.150 0.100	0.00523 0.00523 0.00508 0.00489 0.00431 -0.00497 -0.00146 -0.00320 0.00634 0.00607 0.00534 -0.01018 0.00201 0.00153 0.00116 0.00026 0.00017 -0.00145 0.000340 0.00026 -0.00166 -0.00056 -0.00056 -0.00056 -0.00051 -0.00076 -0.00076 -0.00083 -0.00089	0.06 0.69 1.31 0.42 1.99 -0.82 -0.18 -0.11 2.63 0.71 0.20 -0.68 0.75 0.02 0.08 0.03 0.04 0.08 -0.02 0.05 0.05 0.05 0.15 -0.08 -0.05 0.15 -0.08 -0.15 0.00 0.00 0.00 -0.03 -0.02 -0.01	0.17 0.67 0.65 0.62 0.55 -0.63 -0.19 -0.41 0.81 0.77 0.68 -1.30 0.40 0.11 0.19 0.15 0.13 0.09 -0.14 0.19 0.15 0.13 0.09 -0.14 0.19 0.15 0.13 0.09 -0.14 0.19 -0.14 -0.15 -0.11 -0.06	
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625 626 627 628 629 630 631 632 633 634 635 636 637 638 639 640 641 642 643 644 645 646 647 648 649 650 651 652 653 654	P708 P709 P710 P711 P712 P713 P715 P716 P717 P718 P719 P720 P721 P722 P723 P724 P725 P724 P725 P726 P726 P727 P728 P729 P730 P731 P732 P733 P734 P735 P736 P737 P738	N692 N693 N694 N695 N697 N699 N700 N700 N701 N702 N703 N701 N703 N701 N707 N655 N709 N710 N710 N710 N711 N712 N673 N713 N714 N713 N714 N715 N716 N717 N718 N719 N710 N712 N712 N720 N722	N693 N694 N695 0.00000 N696 N697 N698 N700 N701 N701 N702 N703 N698 N704 N707 N708 N709 N710 N711 N712 N673 N713 N714 N715 N716 N712 N718 N719 N720 N721 N721 N723	P P	120.0 12	$\begin{array}{c} 5.2\\ 263.7\\ 101.8\\ 203.7\\ 69.4\\ 420.0\\ 132.9\\ 278.2\\ 39.6\\ 271.8\\ 79.6\\ 28.9\\ 29.4\\ 219.5\\ 137.8\\ 115.0\\ 65.1\\ 137.8\\ 115.0\\ 65.1\\ 149.9\\ 233.7\\ 54.9\\ 117.0\\ 126.3\\ 470.7\\ .\\ 229.0\\ 403.7\\ 22.8\\ 23.6\\ 145.1\\ 80.8\\ 53.7\\ 51.5\\ \end{array}$	0.200 0.100 0.100 0.100 0.100 0.100 0.100 0.100 0.100 0.100 0.100 0.100 0.100 0.100 0.100 0.100 0.100 0.150 0.150 0.150 0.150 0.150 0.150 0.150 0.150 0.150 0.100	0.00523 0.00523 0.00508 0.00489 0.00431 -0.00497 -0.00146 -0.00320 0.00634 0.00607 0.00534 -0.01018 0.00201 0.00153 0.00116 0.00026 0.000153 0.00145 0.000145 0.000320 0.000320 0.00056 -0.00166 -0.00066 -0.00051 -0.00063 -0.00083 -0.00089 -0.00108	0.06 0.69 1.31 0.42 1.99 -0.82 -0.18 -0.11 2.63 0.71 0.20 -0.68 0.75 0.02 0.08 0.03 0.04 0.08 0.03 0.04 0.08 -0.02 0.05 0.15 -0.08 -0.02 0.05 0.15 -0.08 -0.15 0.00 0.00 -0.02 -0.01 -0.02	0.17 0.67 0.65 0.62 0.55 -0.63 -0.19 -0.41 0.81 0.77 0.68 -1.30 0.40 0.10 0.10 0.15 0.13 0.09 -0.14 0.19 0.15 0.13 0.09 -0.14 0.11 -0.01 -0.01 -0.01 -0.11 -0.14	
625 626 627 628 629 630 631 632 633 634 635 636 637 638 639 640 641 642 643 644 645 646 647 648 649 650 651 652 653 654 655 655	P708 P709 P710 P711 P712 P713 P715 P716 P717 P718 P719 P720 P721 P722 P723 P724 P725 P726 P727 P728 P726 P727 P728 P729 P730 P731 P732 P733 P734 P735 P736 P737 P738 P739 P740	N692 N693 N694 N695 N696 N700 N701 N702 N703 N701 N703 N701 N703 N701 N705 N709 N707 N705 N709 N710 N711 N712 N673 N713 N714 N715 N716 N717 N718 N719 N720 N721 N722 N723 N724	N693 N694 N695 0.00000 N696 N697 N698 N700 N701 N702 N703 N698 N704 N707 N708 N710 N710 N711 N712 N673 N714 N715 N715 N716 N712 N718 N719 N720 N721 N723 N723 N724	P P	120.0 12	$\begin{array}{c} 5.2\\ 263.7\\ 101.8\\ 203.7\\ 69.4\\ 420.0\\ 132.9\\ 278.2\\ 39.6\\ 271.8\\ 79.6\\ 28.9\\ 29.4\\ 219.5\\ 137.8\\ 115.0\\ 65.1\\ 49.9\\ 233.7\\ 54.9\\ 117.0\\ 126.3\\ 470.7\\ 229.0\\ 403.7\\ 229.0\\ 403.7\\ 229.0\\ 403.7\\ 51.5\\ 62.6\\ 145.1\\ 80.8\\ 53.7\\ 51.5\\ 62.6\\ 62.4 \end{array}$	0.200 0.100 0.100 0.100 0.100 0.100 0.100 0.100 0.100 0.100 0.100 0.100 0.100 0.100 0.100 0.150 0.150 0.150 0.150 0.150 0.150 0.150 0.150 0.150 0.150 0.100 0.000 0.150 0.150 0.150 0.150 0.150 0.150 0.150 0.150 0.150 0.150 0.150 0.150 0.150 0.150 0.150 0.100 0.100 0.100 0.100 0.000 0.150 0.150 0.150 0.150 0.100 0.100 0.100 0.100 0.100 0.100 0.100 0.100 0.150 0.150 0.150 0.100	0.00523 0.00523 0.00508 0.00489 0.00431 -0.00497 -0.00146 -0.00320 0.00634 0.00607 0.00534 -0.01018 0.00201 0.00153 0.00116 0.00026 0.00017 -0.00145 0.000320 0.00056 -0.00166 -0.00065 -0.00065 -0.00065 -0.00065 -0.00065 -0.000051 -0.00055 -0.00006 -0.000051 -0.00076 -0.00083 -0.00089 -0.00140 -0.00051 -0.00055 -0.000	0.06 0.69 1.31 0.42 1.99 -0.82 -0.18 -0.11 2.63 0.71 0.20 -0.68 0.75 0.02 0.08 0.03 0.04 0.03 0.04 0.08 -0.02 0.05 0.05 0.05 0.05 0.05 0.05 0.05	0.17 0.67 0.65 0.62 0.55 -0.63 -0.19 -0.41 0.77 0.68 -1.30 0.40 0.11 0.19 0.15 0.13 0.09 -0.14 0.19 0.15 0.13 0.09 -0.14 -0.14 -0.15 -0.01 -0.06 -0.10 -0.10 -0.11 -0.06 -0.10 -0.11 -0.01 -0.11 -0.14 -0.11 -0.14 -0.14 -0.14 -0.12 -0.11 -0.14 -0.11 -0.14 -0.15 -0.19 -0.14 -0.19 -0.19 -0.14 -0.19 -0.11 -0.19 -0.19 -0.14 -0.19 -0.19 -0.14 -0.19 -0.19 -0.19 -0.19 -0.19 -0.19 -0.19 -0.19 -0.19 -0.19 -0.19 -0.19 -0.19 -0.19 -0.19 -0.19 -0.19 -0.14 -0.19 -0.14 -0.19 -0.14 -0.19 -0.14 -0.19 -0.14 -0.19 -0.14 -0.19 -0.14 -0.19 -0.14 -0.19 -0.14 -0.19 -0.14 -0.19 -0.14 -0.19 -0.14 -0.19 -0.14 -0.19 -0.14 -0.19 -0.14 -0.19 -0.14 -0.19 -0.14 -0.19 -0.14 -0.15 -0.01 -0.10 -0.10 -0.10 -0.10 -0.10 -0.10 -0.10 -0.10 -0.10 -0.10 -0.10 -0.10 -0.10 -0.10 -0.11 -0.12 -0.12 -0.11 -0.11 -0.12 -0.12 -0.12 -0.12 -0.11 -0.12 -0.10	
625 626 627 628 629 630 631 632 633 634 635 636 637 638 639 630 640 641 642 643 644 645 646 647 648 649 650 651 652 653 654 655 656 657	P708 P709 P710 P711 P712 P713 P715 P716 P717 P718 P719 P720 P721 P722 P723 P724 P725 P724 P725 P726 P727 P728 P727 P728 P729 P730 P731 P732 P733 P734 P735 P736 P737 P738 P739 P739 P740 P741	N692 N693 N694 N695 N696 N700 N700 N701 N702 N703 N701 N703 N701 N706 N707 N655 N709 N710 N711 N712 N673 N710 N711 N712 N713 N714 N715 N716 N717 N718 N717 N718 N719 N720 N721 N723 N724 N710	N693 N694 N695 0.00000 N696 N697 N698 N700 N701 N702 N703 N698 N704 N707 N708 N704 N707 N708 N709 N710 N711 N712 N673 N713 N714 N715 N715 N716 N712 N718 N719 N720 N721 N723 N723 N724 N669 N725	P P	120.0 12	$\begin{array}{c} 5.2\\ 263.7\\ 101.8\\ 203.7\\ 69.4\\ 420.0\\ 132.9\\ 278.2\\ 39.6\\ 271.8\\ 79.6\\ 28.9\\ 29.4\\ 219.5\\ 137.8\\ 115.0\\ 65.1\\ 149.9\\ 233.7\\ 54.9\\ 117.0\\ 126.3\\ 470.7\\ 229.0\\ 403.7\\ 229.0\\ 403.7\\ 228\\ 23.6\\ 145.1\\ 80.8\\ 53.7\\ 51.5\\ 62.6\\ 62.4\\ 332.2\\ \end{array}$	0.200 0.100 0.100 0.100 0.100 0.100 0.100 0.100 0.100 0.100 0.100 0.100 0.100 0.100 0.100 0.150 0.150 0.150 0.150 0.150 0.150 0.150 0.150 0.150 0.100 0.150 0.150 0.100 0.	0.00523 0.00523 0.00508 0.00489 0.00431 -0.00497 -0.00146 -0.00320 0.00634 0.00607 0.00534 -0.01018 0.00201 0.00192 0.00153 0.00116 0.00026 0.00017 -0.00145 0.00026 -0.00166 -0.00156 -0.00065 -0.00061 -0.00061 -0.00076 -0.00083 -0.00083 -0.00083 -0.00189 -0.00159 0.00053	0.06 0.69 1.31 0.42 1.99 -0.82 -0.18 -0.11 2.63 0.71 0.20 -0.68 0.75 0.02 0.02 0.03 0.04 0.03 0.04 0.03 0.04 0.03 0.04 0.05 0.05 0.05 0.05 0.05 0.05 0.05	0.17 0.67 0.65 0.62 0.55 -0.63 -0.19 -0.41 0.81 0.77 0.68 -1.30 0.40 0.11 0.19 0.15 0.13 0.09 -0.14 -0.15 0.13 0.09 -0.14 -0.15 -0.01 -0.01 -0.01 -0.01 -0.01 -0.01 -0.11 -0.14 -0.18 -0.18 -0.19 -0.11 -0.11 -0.11 -0.11 -0.14 -0.11 -0.11 -0.11 -0.11 -0.11 -0.11 -0.11 -0.11 -0.11 -0.11 -0.11 -0.11 -0.12 -0.19 -0.11 -0.19 -0.14 -0.19 -0.14 -0.19 -0.14 -0.19 -0.14 -0.19 -0.14 -0.19 -0.14 -0.19 -0.14 -0.11 -0.19 -0.14 -0.11 -0.19 -0.14 -0.11 -0.19 -0.14 -0.11 -0.14 -0.11 -0.14 -0.11 -0.14 -0.11 -0.01 -0.01 -0.11 -0.14 -0.10 -0.11 -0.01 -0.11 -0.11 -0.14 -0.11 -0.1	
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625 626 627 628 629 630 631 632 633 634 635 636 637 638 639 640 641 642 643 644 645 646 647 648 649 650 651 652 653 654 655 656 657 658 659	P708 P709 P710 P711 P712 P713 P715 P716 P717 P718 P719 P720 P721 P722 P723 P724 P723 P724 P725 P726 P727 P728 P729 P720 P727 P728 P729 P730 P730 P731 P732 P733 P734 P735 P736 P737 P738 P739 P740 P741 P742 P743	N692 N693 N694 N695 N696 N700 N700 N701 N702 N703 N701 N702 N703 N701 N707 N655 N709 N710 N710 N710 N711 N712 N673 N713 N714 N714 N715 N716 N717 N718 N717 N718 N719 N720 N721 N722 N723 N724 N725 N725 N725	N693 N694 N695 0.00000 N696 N697 N698 N700 N701 N703 N698 N704 N707 N708 N709 N710 N711 N712 N673 N713 N714 N715 N716 N712 N718 N719 N720 N721 N723 N724 N669 N725 N717 N716	P P	120.0 12	$\begin{array}{c} 5.2\\ 263.7\\ 101.8\\ 203.7\\ 69.4\\ 420.0\\ 132.9\\ 278.2\\ 39.6\\ 271.8\\ 79.6\\ 28.9\\ 29.4\\ 219.5\\ 137.8\\ 115.0\\ 65.1\\ 137.8\\ 115.0\\ 65.1\\ 149.9\\ 233.7\\ 54.9\\ 117.0\\ 126.3\\ 470.7\\ .\\ 229.0\\ 403.7\\ 22.8\\ 23.6\\ 145.1\\ 80.8\\ 53.7\\ 51.5\\ 62.6\\ 62.4\\ 332.2\\ 107.6\\ 257.9\\ \end{array}$	0.200 0.100 0.100 0.100 0.100 0.100 0.100 0.100 0.100 0.100 0.100 0.100 0.100 0.100 0.100 0.100 0.150 0.150 0.150 0.100 0.150 0.150 0.150 0.150 0.150 0.150 0.150 0.150 0.150 0.150	0.00523 0.00523 0.00508 0.00489 0.00431 -0.00497 -0.00146 -0.00320 0.00634 0.00607 0.00534 -0.01018 0.00201 0.00153 0.00116 0.00026 0.000153 0.00116 0.00026 -0.00145 -0.00156 -0.00056 -0.00056 -0.00056 -0.00056 -0.00051 -0.00089 -0.00188 -0.00089 -0.00189 -0.00188 -0.00089 -0.00192 -0.00089 -0.00189 -0.00189 -0.00052 -0.00052 -0.00052 -0.00011	0.06 0.69 1.31 0.42 1.99 -0.82 -0.18 -0.11 2.63 0.71 0.20 -0.68 0.75 0.02 0.08 0.03 0.04 0.03 0.04 0.03 0.04 0.03 0.04 0.05 0.15 -0.08 -0.05 0.15 -0.08 -0.02 -0.08 -0.02 -0.08 -0.02 -0.04 -0.02 -0.04 -0.02 -0.04 -0.02 -0.04 -0.02 -0.04 -0.02 -0.04 -0.02 -0.00 0.00 -0.00 -0.00 -0.02 -0.00 -0.02 -0.00 -0.00 -0.02 -0.02 -0.02 -0.02 -0.02 -0.02 -0.02 -0.02 -0.02 -0.03 -0.02 -0.02 -0.02 -0.02 -0.02 -0.02 -0.02 -0.02 -0.02 -0.03 -0.02 -0.04 -0.02 -0.00 -0.00 -0.02 -0.04 -0.00 -0.0	0.17 0.67 0.65 0.62 0.55 -0.63 -0.19 -0.41 0.77 0.68 -1.30 0.40 0.11 0.19 0.15 0.13 0.09 -0.14 0.19 0.15 0.13 0.09 -0.14 0.19 0.15 -0.01 -0.06 -0.10 -0.15 -0.01 -0.11 -0.11 -0.14 -0.12 -0.20 0.16 0.03 -0.01	
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625 626 627 628 629 630 631 632 633 634 635 636 637 638 639 640 641 642 643 644 645 646 647 648 649 650 651 652 653 655 656 657 658 659 660 661 662	P708 P709 P710 P711 P711 P712 P713 P715 P716 P717 P718 P719 P720 P721 P722 P723 P724 P725 P726 P727 P728 P726 P727 P728 P729 P730 P731 P732 P730 P731 P732 P733 P734 P735 P736 P737 P738 P738 P739 P740 P741 P742 P743 P744 P745 P746	N692 N693 N694 N695 N696 N697 N699 N700 N701 N702 N703 N701 N703 N701 N705 N709 N707 N655 N709 N710 N711 N712 N673 N713 N714 N715 N716 N716 N717 N718 N717 N718 N719 N720 N721 N722 N723 N724 N725 N725 N725 N725 N725 N725 N726 N726 N726 N726	N693 N694 N695 0.00000 N696 N697 N698 N700 N701 N702 N703 N698 N704 N707 N708 N704 N707 N708 N710 N711 N712 N673 N713 N714 N715 N716 N718 N719 N720 N721 N723 N724 N669 N725 N717 N716 N726 N685 N688 N688	P P	120.0 12	$\begin{array}{c} 5.2\\ 263.7\\ 101.8\\ 203.7\\ 69.4\\ 420.0\\ 132.9\\ 278.2\\ 39.6\\ 271.8\\ 79.6\\ 28.9\\ 29.4\\ 219.5\\ 137.8\\ 115.0\\ 65.1\\ 149.9\\ 233.7\\ 54.9\\ 117.0\\ 126.3\\ 470.7\\ 229.0\\ 403.7\\ 22.8\\ 23.6\\ 145.1\\ 80.8\\ 53.7\\ 51.5\\ 62.6\\ 62.4\\ 332.2\\ 107.6\\ 257.9\\ 25.6\\ 48.9\\ 27.4\\ \end{array}$	0.200 0.100 0.100 0.100 0.100 0.100 0.100 0.100 0.100 0.100 0.100 0.100 0.100 0.100 0.100 0.150 0.150 0.150 0.150 0.150 0.100 0.100 0.100 0.100 0.150 0.100 0.100 0.100 0.100 0.150 0.100 0.150 0.100 0.100 0.150 0.100 0.100 0.100 0.100 0.150 0.100 0.000 0.100 0.000 0.100 0.000 0.100 0.100 0.000 0.100 0.000 0.100 0.000 0.100 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.0000 0.0000 0.0000 0.0000 0.00000 0.00000000	0.00523 0.00523 0.0058 0.00489 0.00431 -0.00497 -0.00146 -0.00320 0.00634 0.00607 0.00534 -0.01018 0.00201 0.00153 0.00116 0.00026 0.00017 -0.00145 0.00026 -0.00166 -0.00056 -0.00065 -0.0006 -0.00083 -0.00083 -0.00083 -0.00083 -0.00140 -0.00159 0.00053 0.00052 -0.00011 -0.00058 -0.00058 -0.00058 -0.00096	0.06 0.69 1.31 0.42 1.99 -0.82 -0.18 -0.11 2.63 0.71 0.20 -0.68 0.75 0.02 0.08 0.03 0.04 0.08 -0.02 0.05 0.00 0.00 -0.02 -0.04 -0.02 -0.04 -0.02 0.02 -0.04 -0.02 0.00	0.17 0.67 0.65 0.62 0.55 -0.63 -0.19 -0.41 0.81 0.77 0.68 -1.30 0.40 0.11 0.19 0.15 0.13 0.09 -0.14 -0.15 0.13 0.09 -0.14 -0.19 0.18 0.11 -0.14 -0.15 -0.01 -0.01 -0.01 -0.14 -0.12 -0.01 -0.04 0.20 -0.12	
625 626 627 628 629 630 631 632 633 634 635 636 637 638 639 640 641 642 643 644 645 646 647 648 649 650 651 652 653 654 655 656 657 658 659 660 661 662 663	P708 P709 P710 P711 P712 P713 P715 P716 P717 P718 P719 P720 P721 P722 P723 P724 P723 P724 P725 P726 P727 P728 P727 P728 P727 P728 P727 P728 P729 P730 P731 P732 P733 P734 P735 P736 P737 P738 P737 P738 P737 P738 P737 P738 P739 P740 P741 P742 P743 P744 P745 P746 P747	N692 N693 N694 N695 N696 N700 N700 N700 N702 N703 N703 N703 N703 N707 N655 N709 N707 N655 N709 N710 N710 N711 N712 N673 N713 N714 N715 N716 N717 N718 N717 N718 N719 N720 N721 N722 N723 N724 N725 N725 N725 N725 N725 N726 N726 N714	N693 N694 N695 0.00000 N696 N697 N698 N700 N701 N702 N703 N698 N704 N707 N708 N709 N710 N711 N712 N673 N713 N714 N715 N716 N712 N718 N719 N720 N721 N722 N723 N724 N669 N717 N716 N725 N717 N716 N725 N717 N716 N725 N717 N716	P P	120.0 12	$\begin{array}{r} 5.2\\ 263.7\\ 101.8\\ 203.7\\ 69.4\\ 420.0\\ 132.9\\ 278.2\\ 39.6\\ 271.8\\ 79.6\\ 28.9\\ 29.4\\ 219.5\\ 137.8\\ 115.0\\ 65.1\\ 49.9\\ 233.7\\ 54.9\\ 117.0\\ 126.3\\ 470.7\\ 22.8\\ 23.6\\ 145.1\\ 80.8\\ 53.7\\ 51.5\\ 62.6\\ 62.4\\ 332.2\\ 107.6\\ 257.9\\ 25.6\\ 48.9\\ 27.4\\ 129.6\\ \end{array}$	0.200 0.100 0.100 0.100 0.100 0.100 0.100 0.100 0.100 0.100 0.100 0.100 0.100 0.100 0.100 0.100 0.100 0.150 0.150 0.100 0.100 0.100 0.100 0.100 0.100 0.150 0.100 0.150 0.	0.00523 0.00523 0.00523 0.0058 0.00489 0.00431 -0.00497 -0.00146 -0.00320 0.00634 0.00607 0.00534 -0.01018 0.00201 0.00153 0.00153 0.00116 0.00026 0.00017 -0.00145 0.00016 -0.00156 -0.00166 -0.00156 -0.00056 -0.0006 -0.00051 -0.00076 -0.00083 -0.00083 -0.00083 -0.00083 -0.00083 -0.00083 -0.00018 -0.00159 0.00052 -0.00019 0.00052 -0.00019 0.00052 -0.00019 0.00052 -0.00019 0.00052 -0.00019 0.00052 -0.00019 0.00052 -0.00019 0.00052 -0.00052 -0.00052 -0.00058 -0.00096 0.00096 0.00096	0.06 0.69 1.31 0.42 1.99 -0.82 -0.18 -0.11 2.63 0.71 0.20 -0.68 0.75 0.02 0.08 0.03 0.04 0.03 0.04 0.03 0.04 0.03 0.04 0.05 0.05 0.05 0.05 0.05 0.05 0.05 0.05 0.05 0.05 0.00 0.00 -0.02 -0.01 -0.02 -0.04 -0.02 -0.01 -0.02 -0.00 0.00	0.17 0.67 0.65 0.62 0.55 -0.63 -0.19 -0.41 0.81 0.77 0.68 -1.30 0.40 0.11 0.19 0.15 0.13 0.09 -0.14 -0.19 0.15 0.13 0.09 -0.14 -0.19 0.15 0.13 0.09 -0.14 -0.19 0.15 0.13 0.09 -0.14 -0.19 0.15 0.13 0.09 -0.14 -0.19 0.15 0.19 -0.41 0.19 0.15 0.19 -0.10 -0.10 -0.14 -0.19 0.15 0.13 0.09 -0.14 -0.19 0.15 0.13 0.09 -0.14 -0.19 0.15 -0.14 -0.19 0.15 -0.14 -0.19 0.15 -0.14 -0.19 0.15 -0.14 -0.19 0.15 -0.14 -0.11 -0.14 -0.11 -0.14 -0.10 -0.10 -0.11 -0.11 -0.11 -0.14 -0.10 -0.10 -0.11 -0.10 -0.11 -0.10 -0.11 -0.11 -0.10 -0.11 -0.11 -0.10 -0.11 -0.10 -0.11 -0.11 -0.11 -0.11 -0.12 -0.12 -0.01 -0.02 -0.12 -0.12 -0.11 -0.12 -0.12 -0.12 -0.11 -0.12 -0.12 -0.12 -0.11 -0.12 -0.12 -0.12 -0.11 -0.12 -0.11 -0.12 -0.12 -0.12 -0.12 -0.12 -0.12 -0.11 -0.12 -0.12 -0.12 -0.11 -0.12 -0.12 -0.11 -0.12 -0.12 -0.11 -0.12 -0.12 -0.12 -0.11 -0.12 -0.12 -0.11 -0.12 -0.12 -0.12 -0.12 -0.11 -0.11 -0.12 -0	
625 626 627 628 629 630 631 632 633 634 635 636 637 638 639 640 641 642 643 644 645 646 647 648 649 650 651 652 653 655 656 657 658 659 660 661 662	P708 P709 P710 P711 P711 P712 P713 P715 P716 P717 P718 P719 P720 P721 P722 P723 P724 P725 P726 P727 P728 P726 P727 P728 P729 P730 P731 P732 P730 P731 P732 P733 P734 P735 P736 P737 P738 P738 P739 P740 P741 P742 P743 P744 P745 P746	N692 N693 N694 N695 N696 N697 N699 N700 N701 N702 N703 N701 N703 N701 N705 N709 N707 N655 N709 N710 N711 N712 N673 N713 N714 N715 N716 N716 N717 N718 N717 N718 N719 N720 N721 N722 N723 N724 N725 N725 N725 N725 N725 N725 N726 N726 N726 N726	N693 N694 N695 0.00000 N696 N697 N698 N700 N701 N702 N703 N698 N704 N707 N708 N704 N707 N708 N710 N711 N712 N673 N713 N714 N715 N716 N718 N719 N720 N721 N723 N724 N669 N725 N717 N716 N726 N685 N688 N688	P P	120.0 12	$\begin{array}{c} 5.2\\ 263.7\\ 101.8\\ 203.7\\ 69.4\\ 420.0\\ 132.9\\ 278.2\\ 39.6\\ 271.8\\ 79.6\\ 28.9\\ 29.4\\ 219.5\\ 137.8\\ 115.0\\ 65.1\\ 149.9\\ 233.7\\ 54.9\\ 117.0\\ 126.3\\ 470.7\\ 229.0\\ 403.7\\ 22.8\\ 23.6\\ 145.1\\ 80.8\\ 53.7\\ 51.5\\ 62.6\\ 62.4\\ 332.2\\ 107.6\\ 257.9\\ 25.6\\ 48.9\\ 27.4\\ \end{array}$	0.200 0.100 0.100 0.100 0.100 0.100 0.100 0.100 0.100 0.100 0.100 0.100 0.100 0.100 0.100 0.150 0.150 0.150 0.150 0.150 0.100 0.100 0.100 0.100 0.150 0.100 0.100 0.100 0.100 0.150 0.100 0.150 0.100 0.100 0.150 0.100 0.100 0.100 0.100 0.150 0.100 0.000 0.100 0.000 0.100 0.000 0.100 0.100 0.000 0.100 0.000 0.100 0.000 0.100 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.0000 0.0000 0.0000 0.0000 0.00000 0.00000000	0.00523 0.00523 0.0058 0.00489 0.00431 -0.00497 -0.00146 -0.00320 0.00634 0.00607 0.00534 -0.01018 0.00201 0.00153 0.00116 0.00026 0.00017 -0.00145 0.00026 -0.00166 -0.00056 -0.00065 -0.0006 -0.00083 -0.00083 -0.00083 -0.00083 -0.00140 -0.00159 0.00052 -0.00011 -0.00052 -0.00011 -0.00058 -0.00058 -0.00058 -0.00096	0.06 0.69 1.31 0.42 1.99 -0.82 -0.18 -0.11 2.63 0.71 0.20 -0.68 0.75 0.02 0.08 0.03 0.04 0.08 -0.02 0.05 0.00 0.00 -0.02 -0.04 -0.02 -0.04 -0.02 0.02 -0.04 -0.02 0.00	0.17 0.67 0.65 0.62 0.55 -0.63 -0.19 -0.41 0.81 0.77 0.68 -1.30 0.40 0.11 0.15 0.13 0.09 -0.14 -0.15 0.13 0.09 -0.14 -0.19 0.18 0.11 -0.14 -0.19 0.18 0.11 -0.14 -0.19 0.18 0.11 -0.14 -0.19 0.18 0.11 -0.14 -0.19 0.15 -0.01 -0.01 -0.01 -0.01 -0.04 0.03 -0.01 -0.04 0.020 -0.12	

667 P752 N730 NV1_1 0.00000 P 120.0 50.9 0.150 0.00110 0 668 P753 N734 N735 P 120.0 31.9 0.150 -0.00304 -6 669 P754 N704 N736 P 120.0 110.0 0.250 -0.02471 -6 670 P755 N738 N603 P 120.0 59.8 0.200 -0.02621 -4 671 P762 N747 N748 P 120.0 204.0 0.150 0.00027 0 672 P763 N748 N749 P 120.0 168.5 0.150 0.000018 0 673 P764 N688 NV30_1 0.00000 P 120.0 5.0 0.100 0.00000 0	9.37 0.00 -0.01 -0.15 -0.27	1.29 0.06 -0.17 -0.50
668 P753 N734 N735 P 120.0 31.9 0.150 -0.00304 -4 669 P754 N704 N736 P 120.0 110.0 0.250 -0.02471 -6 670 P755 N738 N603 P 120.0 59.8 0.200 -0.02621 -6 671 P762 N747 N748 P 120.0 204.0 0.150 0.00027 0 672 P763 N748 N749 P 120.0 168.5 0.150 0.00007 0 673 P764 N688 NV30_1 0.00000 P 120.0 5.0 0.100 0.00000 0	-0.01 -0.15	-0.17
669 P754 N704 N736 P 120.0 110.0 0.250 -0.02471 -0.02471 -0.02471 -0.02471 -0.02471 -0.02471 -0.02471 -0.02471 -0.02471 -0.02471 -0.02621 -0	-0.15	
669 P754 N704 N736 P 120.0 110.0 0.250 -0.02471 -0.02471 -0.02471 -0.02471 -0.02471 -0.02471 -0.02471 -0.02471 -0.02471 -0.02471 -0.02471 -0.02621 -0	-0.15	
670 P755 N738 N603 P 120.0 59.8 0.200 -0.02621 -0.		
671 P762 N747 N748 P 120.0 204.0 0.150 0.00027 C 672 P763 N748 N749 P 120.0 168.5 0.150 0.00018 C 673 P764 N688 NV30_1 0.00000 P 120.0 5.0 0.100 0.00000 C	-0.27	-0.83
672 P763 N748 N749 P 120.0 168.5 0.150 0.00018 C 673 P764 N688 NV30_1 0.00000 P 120.0 5.0 0.100 0.00000 C		
673 P764 N688 NV30_1 0.00000 P 120.0 5.0 0.100 0.00000 C	0.00	0.02
	0.00	0.01
	0.00	0.00
	0.00	-0.01
	0.00	0.02
	-0.01	-0.04
	-0.09	-0.51
	-0.75	-0.83
679 P771 N756 N757 P 120.0 150.5 0.125 0.00408 0	0.22	0.33
680 P772 N757 N758 P 120.0 38.8 0.125 0.00253 C	0.02	0.21
	0.02	0.17
	0.02	0.09
	0.01	0.05
	0.00	0.00
	-0.27	-0.28
686 P782 N767 N768 P 120.0 36.3 0.050 -0.00092 -0	-0.29	-0.47
	0.53	0.78
	0.20	0.54
	0.87	0.51
	0.00	0.02
	0.00	0.01
	0.00	-0.02
	0.00	-0.06
	-0.01	-0.08
	0.20	0.26
	0.00	-0.02
	-0.08	-0.06
	0.03	0.08
699 P796 N780 N765 P 120.0 121.6 0.100 0.00046 0	0.01	0.06
	0.00	0.08
	-0.08	-0.19
	-0.04	-0.36
	0.00	0.10
	0.01	0.04
705 P802 N784 NV37_1 0.00000 P 120.0 42.3 0.080 0.00000 0	0.00	0.00
	-0.01	-0.05
	-2.74	-0.47
	0.01	0.10
	0.00	0.00
	0.00	0.00
	0.00	0.10
712 P809 N791 N792 P 120.0 183.3 0.150 -0.00180 -0	-0.02	-0.10
	-0.03	-0.11
	-0.01	-0.12
	-2.07	
		-0.62
	-0.69	-0.83
	-0.84	-0.93
	-0.19	-0.44
719 P816 N798 N794 P 120.0 254.2 0.100 -0.00471 -	-1.42	-0.60
	0.00	0.00
	-0.01	-0.05
	-0.09	-0.24
	6.16	1.37
	3.21	1.00
	-0.24	-0.60
726 P824 N805 N806 P 120.0 40.8 0.150 -0.01110 -4	-0.15	-0.63
	-0.70	-0.65
	-1.89	-0.05
	0.63	0.77
	0.00	-0.01
	0.00	-0.04
	0.00	-0.05
733 P833 N813 N814 P 120.0 225.5 0.200 -0.00165 -	-0.01	-0.05
	0.00	-0.05
	0.00	-0.05
	-2.57	-1.23
	-2.52	-1.28
738 P842 N822 N823 P 120.0 107.7 0.150 -0.02258 -	-1.52	-1.28
	-2.11	-1.28
	-0.46	-1.28
	-3.19	-1.28
	-2.39	-1.28
	-1.76	-1.28
	-1.50	-1.28
	-1.70	-1.28
	-1.71	-1.28
	-1.56	-1.28
	-2.02	
	-2.02	-1.28
1 1010 1 1017 E DIXAD 1 0 00000 1	-3.20	-1.28

750	P855	N835	N836	·····	P	120.0	146.4	0.150	-0.02258	-2.06	-1.28	:
751	P856	N836	N837		P	120.0	280.5	0.150	-0.02258	-3.95	-1.28	· · · · · · · · · · · · · · · · ·
752	P857	N799	N838		P	120.0	29.1	0.150	0.00000	0.00	0.00	
753	P858	N838	N839		P	120.0	81.0	0.150	0.00000	0.00	0.00	
754	P859	N839	N1024	0.00000	P	120.0	329.8	0.150	0.00000	0.00	0.00	1
755	P860	N816	N841	0.00000	P	120.0	38.0	0.150	0.01993	0.42	1.13	
756	P861	N841	N842		P	120.0	236.4	0.150	0.01966	2.57	1.11	
757	P862	N842	N843		P	120.0	111.6	0.150	0.01865	1.10	1.06	
758	P863	N843	N844		P	120.0	244.5	0.150	0.01735	2.11	0.98	
759	P864	N844	N845		P	120.0	47.8	0.150	0.01735	0.41	0.98	
760	P865	N845	N846		P	120.0	142.7	0.150	0.01735	1.23	0.98	
	P866	N846	N847		P	120.0	75.9	0.150	0.01735	0.66	0.98	
761	P867	N847	N848		P P	120.0	147.5	0.150	0.01735	1.28	0.98	
762					P P	120.0	71.9	0.150	0.01735	0.62	0.98	
763	P868	N848	N849									· ·
764	P869	N849	N850		P	120.0	119.0	0.150	0.01735	1.03	0.98	ļ
765	P870	N850	N851		P	120.0	127.2	0.150	0.01735	1.10	0.98	
766	P871	N851	N852		P	120.0	113.6	0.150	0.01735	0.98	0.98	ļ
767	P872	N852	N853		P	120.0	149.2	0.150	0.01735	1.29	0.98	<u> </u>
768	P873	N853	N854		P	120.0	117.7	0.150	0.01735	1.02	0.98	
769	P874	N854	N855		P	120.0	125.0	0.150	0.01735	1.08	0.98	
770	P875	N855	N856	·	Р	120.0	126.6	0.150	0.01735	1.09	0.98	ļ
771	P876	N856	N857		P	120.0	99.7	0.150	0.01735	0.86	0.98	
772	P879	N859	N860		Р	120.0	151.9	0.050	0.00061	0.56	0.31	
773	P880	N860	N861		P	120.0	70.8	0.050	0.00061	0.26	0.31	
774	P881	N861	N862		Р	120.0	51.3	0.050	0.00061	0.19	0.31	
775	P882	N862	N863		P	120.0	94.7	0.050	0.00045	0.20	0.23	
776	P883	N863	NV45_1	0.00000	Р	120.0	76.4	0.050	0.00000	0.00	0.00	
777	P884	N864	N865		Р	120.0	63.4	0.150	-0.00893	-0.16	-0.51	
778	P885	N865	N866		Р	120.0	111.5	0.150	-0.00908	-0.29	-0.51	
779	P886	N866	N867		Р	120.0	167.9	0.150	-0.00939	-0.47	-0.53	
780	P887	N867	N1154	0.00000	Р	120.0	55.8	0.150	-0.00979	-0.17	-0.55	1
781	P888	N868	N869		P	120.0	158.7	0.200	-0.01701	-0.33	-0.54	
782	P889	N869	N870		Р	120.0	83.9	0.200	-0.01781	-0.19	-0.57	
783	P890	N870	N871		P	120.0	73.5	0.200	-0.01842	-0.17	-0.59	
784	P891	N871	N872		P	120.0	76.1	0.150	0.00141	0.01	0.08	
785	P892	N864	N873		P	120.0	75.2	0.150	0.00863	0.18	0.49	· · ·
786	P893	N873	N874	· · · · · · · · · · · · · · · · · · ·	P	120.0	105.8	0.150	0.00812	0.22	0.46	
787	P894	N874	NV44_1	0.00000	P	120.0	11.7	0.150	0.00000	0.00	0.00	+
788	P895	N875	NV43_1	0.00000	P	120.0	237.7	0.150	0.00000	0.00	0.00	
789	P896	N876	N877	. 0.00000	P	120.0	78.4	0.150	0.00578	0.09	0.33	-
790	P897	N877	N878	0.00000	P	120.0	133.5	0.150	0.00525	0.13	0.30	
791	P898	N879	N880	0.00000	P	120.0	146.7	0.150	0.00298	0.05	0.17	+
792	P899	N880	N881		P	120.0	125.0	0.150	0.00119	0.00	0.07	
793	P900	N881	N882		P	120.0	130.2	0.150	0.00091	0.00	0.05	+
794	P901	N882	N883		P	120.0	200.7	0.150	0.00091	0.00	0.05	+
795	P902	N883	N884		P	120.0	86.6	0.150	0.00020	0.00	0.01	+
796	P903	N884	NV41_1	0.00000	P	120.0	460.0	0.150	0.00000	0.00	0.00	<u>+</u>
797	P904	N885	N886	0.00000	P	120.0	572.4	0.150	0.00072	0.00	0.00	
798	P907	N888	N889		- <u>P</u>	120.0	267.7	0.050	0.00000	0.01	0.04	
799	P910	N891	N892		P	120.0	425.2	0.150	0.00327	0.00	0.18	
800	P913	N894	N875		P	120.0	30.4	0.150	0.00121	0.00	0.07	+
800	P915 P915	N895	N896		P	120.0	396.6	0.050	0.00000	0.00	0.00	
	P915 P916	N895	N890		P	120.0	143.9	0.050	0.00000	0.00	0.00	+
802								0.050	0.00000	0.00	0.00	+
803	P917	N897	N898		P P	120.0	116.4	0.050	-0.01685	-1.07	-0.95	+
804	P937	N917	N918	l	<u>Р</u> Р		130.7		-0.01685	-1.07	-0.95	+
805	P938	N918	N919			120.0		0.150		-1.09	-0.95	+
806	P939	N919	N920		P	120.0	363.8	0.150	-0.01685			+
807	P940	N920	N921		P	120.0	76.2	0.150	-0.01685	-0.62	-0.95	
808	P948	N929	N930		P	120.0	117.5	0.150	0.00000	0.00	0.00	+
809	P949	N930	N931		P	120.0	137.9	0.150	0.00000	0.00	0.00	
810	P950	N931	N932	0.00000	P	120.0	369.7	0.150	0.00000	0.00	0.00	+
811	P951	N932	NV57_1	0.00000	P	120.0	265.4	0.150	0.00000	0.00	0.00	
812	P952	N933	N934		P	120.0	932.5	0.150	-0.00006	0.00	0.00	
813	P953	N934	N935		P	120.0	89.4	0.150	0.00006	0.00	0.00	
814	P954	N935	NV48_1	0.00000	P	120.0	250.4	0.150	0.00000	0.00	0.00	
815	P955	N936	N937		P	120.0	277.3	0.150	-0.00083	-0.01	-0.05	
816	P956	N937	N938		Р	120.0	109.9	0.080	-0.00121	-0.15	-0.24	
817	P957	N938	N1155	0.00000	P	120.0	60.8	0.080	-0.00136	-0.10	-0.27	
818	P958	N939	N940		Р	120.0	499.2	0.080	0.00081	0.32	0.16	
819	P959	N879	N941	0.00000	Р	120.0	23.7	0.150	-0.00391	-0.01	-0.22	
820	P960	N941	N878		Р	120.0	129.4	0.080	-0.00472	-2.15	-0.94	
821	P961	N941	N942	0.00000	Р	120.0	21.1	0.080	0.00061	0.01	0.12	
822	P962	N942	NV54_1	0.00000	Р	120.0	141.1	0.080	0.00000	0.00	0.00	
823	P963	N943	N944		Р	120.0	86.2	0.080	-0.00333	-0.75	-0.66	
824	P964	N944	N945		Р	120.0	954.6	0.080	0.00376	10.39	0.75	1
825	P974	N954	N955		P	120.0	131.6	0.050	0.00000	0.00	0.00	
826	P975	N955	N956		P	120.0	123.3	0.050	0.00000	0.00	0.00	1
827	P976	N957	N958		P	120.0	213.4	0.050	0.00000	0.00	0.00	1
828	P979	N945	N961		P	120.0	29.0	0.050	0.00039	0.05	0.20	1
829	P980	N945	N962		P	120.0	913.1	0.100	0.00026	0.02	0.03	1
830	P981	N962	N963		P	120.0	93.5	0.080	0.00012	0.02	0.02	+
830	P981 P982	N962 N963	NV55_1	0.00000	P P	120.0	118.0	0.080	0.00000	0.00	0.02	+
				0.00000	P :		159.2	0.080	-0.00008	0.00		÷
832	P983	N964	N965		U	120.0					-0.02	

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834	P985	N966	N880		Р	120.0	24.0	0.080	-0.00129	-0.04	-0.26	
835	P986	N967	N968	1	Р	120.0	67.1	0.080	-0.00038	-0.01	-0.08	
836	P987	N968	N969		Р	120.0	113.4	0.080	0.00040	0.02	0.08	
837	P988	N969	NV56_1	0.00000	P	120.0	37.3	0.080	0.00000	0.00	0.00	
838	P989	N970	N971		Р	120.0	195.8	0.080	0.00000	0.00	0.00	
839	P990	N971	N972		Р	120.0	162.7	0.080	0.00000	0.00	0.00	
840	P991	N972	N973	1	Р	120.0	282.1	0.080	0.00000	0.00	0.00	
841	P992	N973	N974		Р	120.0	111.6	0.080	0.00000	0.00	0.00	
842	P993	N974	NV40 1	0.00000	Р	120.0	421.1	0.080	0.00000	0.00	0.00	
843	P995	N725	NV36_1	0.00000	P	120.0	14.9	0.065	0.00000	0.00	0.00	
844	P996	N717	NV42_1	0.00000	P	120.0	19.7	0.080	0.00000	0.00	0.00	
845	P997	N980	N981		P	120.0	15.7	0.080	-0.00222	-0.06	-0.44	
846	P998	N982	N983		P	120.0	79.2	0.080	-0.00472	-1.31	-0.94	
847	P1002	N785	N987		P	120.0	543.4	0.100	0.00274	1.11	0.35	
848	P1003	N672	N988		P	120.0	35.6	0.150	-0.00051	0.00		· · · · ·
849	P1004	N988	N673		P	120.0	26.8	0.150	-0.00031	0.00	-0.03	
850	P1005	N988	N989		 P	120.0	406.2	0.050			-0.05	
851	P1006	N692	N990		P	120.0	224.1	0.030	0.00025	0.29	0.13	
852	P1007	N729	NV28_1	0.00000	P	120.0			-0.00523	-0.05	-0.17	
853	P1008	N991	N990	0.00000	P P		16.3	0.150	0.00000	0.00	0.00	i
855	P1008	N705	N990			120.0	25.7	0.200	0.00838	0.01	0.27	
855				· · · ·	P	120.0	44.9	0.250	0.02045	0.04	0.42	
	P1010	N992	N993		P	120.0	64.4	0.250	0.01943	0.06	0.40	
856	P1011	N993	N994	0.00000	P	120.0	16.8	0.250	0.01917	0.01	0.39	
857	P1012	N994	N995	0.00000	P	120.0	67.0	0.250	0.01686	0.05	0.34	
858	P1013	N995	N991		Р	120.0	14.6	0.150	0.00845	0.03	0.48	
859	P1014	N995	N730	ļ	P	120.0	46.2	0.150	0.00819	0.10	0.46	
860	P1015	N139	N996	I	P	120.0	102.9	0.400	0.00000	0.00	0.00	
861	P1016	N161	N1006		Р	120.0	44.8	0.200	-0.00322	0.00	-0.10	
862	P1017	N250	N1007		P	120.0	40.2	0.250	-0.00016	0.00	0.00	
863	P1021	N765	NV31_1	0.00000	Р	120.0	12.7	0.100	0.00000	0.00	0.00	
864	P1024	N716	NV35_1	0.00000	Р	120.0	16.8	0.115	0.00006	0.00	0.01	
865	P1025	N1000	N1001		Р	120.0	195.5	0.115	-0.00331	-0.29	-0.32	
866	P1027	N1000	N979		Р	120.0	255.5	0.100	0.00313	0.67	0.40	
867	P1028	N999	N1002		Р	120.0	111.0	0.100	-0.00019	0.00	-0.02	
868	P1029	N201	N1003		Р	120.0	22.0	0.200	-0.00060	0.00	-0.02	
869	P1030	N1003	N251		Р	120.0	54.7	0.200	0.02095	0.17	0.67	
870	P1031	N1003	N284		P	120.0	37.8	0.200	0.00609	0.01	0.19	
871	P1032	N1004	N31		Р	120.0	260.9	0.100	-0.00837	-4.22	-1.07	
872	P1033	N31	N96		Р	120.0	26.7	0.250	-0.01691	-0.02	-0.34	
873	P1034	N119	N120		Р	120.0	76.0	0.250	-0.01207	-0.03	-0.25	
874	P1035	N156	N157		Р	120.0	88.3	0.400	0.00000	0.00	0.00	
875	P1036	N312	N313		Р	120.0	157.4	0.200	0.00013	0.00	0.00	
876	P1037	N392	N396		Р	120.0	87.9	0.250	-0.04246	-0.33	-0.86	
877	P1038	N394	N395		Р	120.0	79.7	0.250	-0.04128	-0.28	-0.84	
878	P1039	N417	N418		Р	120.0	231.7	0.080	-0.00080	-0.14	-0.16	
879	P1040	N403	N404		P	120.0	80.7	0.080	0.00155	0.17	0.31	
880	P1041	N405	N406		P	120.0	105.8	0.080	0.00136	0.17	0.27	
881	P1043	N566	N509		P	120.0	294.3	0.150	-0.01226	-1.34	-0.69	
882	P1044	N505	N508		P	120.0	41.4	0.150	-0.00566	-0.04	-0.32	
883	P1045	N507	N583		P	120.0	322.5	0.100	0.00565	2.52	0.32	
884	P1046	N618	N566		P	120.0	461.8	0.080	-0.00534	-9.64	-1.06	
885	P1047	N736	N737		P	120.0	37.3	0.250	-0.02507	-9.04	-0.51	
886	P1048	N745	N744		P	120.0	61.7	0.200	-0.00749	-0.03	-0.31	
887	P1049	N621	N1161	0.00000	P	120.0	194.4					
888	P1050	N704	N705	0.00000	P	120.0	662.0	0.150 0.250	0.00180 0.01406	0.03	0.10	
889	P1052	N994	N706		P	120.0	538.7	0.230			0.29	
890	P1053	N690	N691		P P	120.0	538.7		0.00231	2.39	0.46	
891	P1054	N732	N733		P P	120.0	395.8	0.200	-0.00109	-0.01	-0.03	
892	P1055	N782	N783	0.00000	P P	120.0	395.8 203.7	0.080	0.00624	11.03	1.24	
893	P1057	N754	N753	0.0000	P P	120.0	863.5	0.150	-0.00372	-0.10	-0.21	
894	P1058	N960	N967		P P	120.0		0.080	0.00049	0.22	0.10	
895	P1058	N1002	N886		<u>Р</u> Р	120.0	936.6	0.080	0.00000	0.00	0.00	
896	P1059	N981	N982		P P	120.0	250.4	0.100	-0.00042	-0.02	-0.05	
890	P1000	N981 N975	N982 N976		<u>Р</u> Р		112.4	0.080	-0.00472	-1.86	-0.94	
898	P1061	N975 N956	N976 N957			120.0	555.8	0.080	0.00141	0.99	0.28	
899	P1062 P2000	N956 N7	N957 N10		P	120.0	331.2	0.050	0.00000	0.00	0.00	
900	P2000 P2001	N739	N10 N605	0.00000	P	120.0	49.4	0.080	0.00069	0.02	0.14	
	P2001 P1064			0.00000	P	110.0	27.1	0.150	-0.01375	-0.18	-0.78	
901	P1064 P1065	N921	N1011	0.00000	P	110.0	159.9	0.150	-0.01685	-1.54	-0.95]
902	P1065	N1011	N887	0.00000	P	110.0	812.3	0.150	-0.01685	-7.81	-0.95	
903		N895	NV60_1	0.00000	P	110.0	186.5	0.050	0.00000	0.00	0.00	
904	P1067	N891	N945	0.00000	P	110.0	38.3	0.050	-0.00327	-3.73	-1.66	
905	P1068	N893	N1012	0.00000	P	110.0	283.1	0.150	0.00836	0.74	0.47	
906	P1069	N1013	N1014	0.01166	P	110.0	254.2	0.150	0.00000	-0.43	0.00	
907	P1072	N1014	N1015	0.00000	P	110.0	578.9	0.100	-0.01166	-20.30	-1.48	
908	P1073	N1015	N1016	0.00000	Р	110.0	91.2	0.100	-0.01514	-5.19	-1.93	
909	P1074	N1016	N1017	0.00000	P	110.0	268.4	0.100	-0.01514	-15.26	-1.93	
910	P1078	N1017	N1018	0.00000	Р	110.0	280.8	0.100	-0.01514	-15.97	-1.93	
911	P1079	N1018	N1019	0.00000	P	110.0	97.4	0.100	-0.01514	-5.54	-1.93	
912	P1080	N1019	N1020	0.00000	Р	110.0	223.1	0.100	-0.01514	-12.69	-1.93	
913	P1081	N1020	N1021	0.00000	Р	110.0	489.0	0.100	-0.01514	-27.81	-1.93	
914	P1082	N1021	N1022	0.00000	Р	110.0	216.8	0.100	-0.01514	-12.33	-1.93	
915	P1083	N1012	N1023	0.00000	Р	110.0	614.0	0.100	0.00836	11.62	1.06	
916	P1084	N1023	NV50_1	0.00000	P		165.3	0.100	0.00000	0.00	0.00	
917	P878	N887	N857	0.00000	P		290.6	0.150	-0.01735	-2.95	-0.98	
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918	P877	N894	N859	0.00000	P	110.0	56.8	0.050	0.00061	0.25	0.31	
919	P906	N888	N858	0.00000	Р	110.0	146.4	0.050	-0.00040	-0.30	-0.21	
920	P912	N892	N858	0.00000	P	110.0	420.7	0.150	0.00236	0.11	0.13	
921	P914	N858	N894	0.00000	Р	110.0	36.6	0.150	0.00195	0.01	0.11	
922	P859 2	N1024	N840	0.00000	P	120.0	87.7	0.150	0.00000	0.00	0.00	
923	P905	N795	NV38_1	0.00000	P	110.0	6.9	0.040	0.00000	0.00	0.00	
924	P815 2	N1025	N798	0.00000	P	120.0	445.7	0.100	-0.00355	-1.47	-0.45	
925	P752 2	NV1_2	N734	0.00000	Р	120.0	267.2	0.150	-0.00249	-0.06	-0.14	
926	VI	NV1 1	NV1 2	0.00000	v	10000000.0	0.0	0.150	0.00000	21.44		
927	P770	N756	N697	0.00000	, P	110.0	243.9	0.080	-0.00882	-15.12	-1.75	
928	P776	N761	N1027	0.00000	- <u>^</u> P	110.0	114.8	0.100	0.00031	0.00	0.04	
929	P777	N1027	N763	0.00000	P	110.0	131.3	0.080	0.00031	0.02	0.04	
929	P778	N763	N764	0.00000	P	110.0	78.1	0.080	0.00031	0.02	0.06	
930	P779	N764	N1005	0.00000	<u>P</u>	110.0	557.2	0.080	0.00031	0.01	0.06	
	P748				P P	l in the second second	493.1	0.080	0.00051	0.07	0.00	· · · · ·
932		N727	N765	0.00000		110.0						
933	P822	N803	N804	0.00000	P	110.0	165.9	0.080	0.00055	0.06	0.11	
934	P1086	N804	N728	0.00000	<u> </u>	110.0	85.5	0.080	0.00018	0.00	0.04	
935	P589	N584	N485	0.00000	P	110.0	424.8	0.150	-0.01417	-2.97	-0.80	
936	P498	N501	N486	0.00000	P	110.0	26.0	0.080	0.00309	0.23	0.61	
937	P609_2	NV2_2	N603	0.00000	Р	120.0	7.4	0.100	-0.00085	0.00	-0.11	
938	V2	NV2_1	NV2_2	0.00000	<u>v</u>	10000000.0	0.0	0.100	0.00000	-12.07		
939	P599_2	NV3_2	N594	0.00000	P	120.0	27.9	0.150	-0.00390	-0.02	-0.22	
940	V3	NV3_1	NV3_2	0.00000	v	0.0	0.0	0.150	-0.00390	0.00		
941	P1087	N625	N624	0.00000	P	110.0	184.5	0.080	-0.00099	-0.20	-0.20	
942	P1088	N1028	N746	0.00000	Р	110.0	582.8	0.150	0.00694	1.09	0.39	1
943	P1051	N745	N1028	0.00000	Р	110.0	164.7	0.150	0.00694	0.31	0.39	
944	P1090	N1029	N1030	0.00000	P	110.0	281.7	0.100	-0.00059	-0.04	-0.07	
945	P1089	N1029	N1031	0.00000	P	110.0	139.1	0.100	0.00059	0.02	0.07	
946	P1091	N1031	N1032	0.00000	P	110.0	213.0	0.100	0.00013	0.00	0.02	
947	P1092	N1032	N1033	0.00000	P	110.0	143.6	0.100	0.00013	0.00	0.02	· · ·
948	P1092	N1032	N1034	0.00000	P	110.0	113.6	0.100	0.00013	0.00	0.02	
949	P1094	N1034	N1035	0.00000	P	110.0	36.1	0.100	0.00013	0.00	0.02	
950	P1094	N1034	N1035	0.00000	<u>P</u>	110.0	118.4	0.100	0.00013	0.00	0.02	
951	P1095	N1035	N1030	0.00000	P	110.0	123.9	0.100	0.00013	0.00	0.02	
952	P1090	N1037	N1038	0.00000	P	110.0	107.2	0.100	0.00013	0.00	0.02	
953	P1097	N1037	N1039	0.00000	<u>P</u>	110.0	121.5	0.100	0.00013	0.00	0.02	
953	P1098 P1099	N1038	N1039	0.00000	P	110.0	171.8	0.100	0.00013	0.00	0.02	
					-		212.1	0.100	0.00013	0.00	0.02	
955	P1100	N1040	N1041	0.00000	<u>P</u>	110.0						
956	P840	N821	N819	0.00000	P	110.0	247.5	0.150	0.02258	4.09	1.28	
957	P838	N819	N817	0.00000	P	110.0	138.3	0.150	0.02222		1.26	
958	P1101	N1041	N1042	0.00000	P	110.0	26.7	0.100	0.00013	0.00	0.02	
959	P1102	N1042	N1043	0.00000	P	110.0	174.7	0.100	0.00013	0.00	0.02	
960	P1103	N1043	N1044	0.00000	P	110.0	100.8	0.100	0.00013	0.00	0.02	
961	P1104	N1044	N1045	0.00000	Р	110.0	188.4	0.100	0.00013	0.00	0.02	
962	P1105	N1045	N1046	0.00000	P	110.0	261.7	0.100	0.00013	0.00	0.02	
963	P1106	N1046	N1047	0.00000	P	110.0	148.8	0.100	0.00013	0.00	0.02	
964	P1107	N1047	NV62_1	0.00000	Р	110.0	145.4	0.100	0.00013	0.00	0.02	
965	P1409	N1048	N1049	0.00000	.P	110.0	164.8	0.150	0.00000	0.00	0.00	
966	P1109	N1049	N1050	0.00000	Р	110.0	78.2	0.150	0.00000	0.00	0.00	
967	P1110	N1050	N1051	0.00000	Р	110.0	226.3	0.150	-0.00009	0.00	-0.01	
968	P757	N740	N741	0.00000	Р	110.0	333.7	0.150	0.00785	0.78	0.44	
969	P760	N744	N743	0.00000	Р	110.0	292.1	0.200	-0.00749	-0.15	-0.24	
970	P761	N747	N742	0.00000	Р	110.0	294.8	0.150	-0.00037	0.00	-0.02	
971	P758	N741	N742	0.00000	Р	110.0	77.8	0.150	0.00785	0.18	0.44	
972	P759	N742	N743	0.00000	Р	110.0	22.9	0.150	0.00749	0.05	0.42	
973	P829	N807	N810	0.00000	P	110.0	98.0	0.150	-0.01320	-0.60	-0.75	
974	P1111	N1051	N1052	0.00000	P	110.0	135.0	0.150	-0.00009	0.00	-0.01	
975	P1112	N1052	N1053	0.00000	P	110.0	421.2	0.150	-0.00064	-0.01	-0.04	
976	P783	N768	N1190	0.00000	P	110.0	21.1	0.080	-0.00092	-0.02	-0.18	
977	P1026	N1000	N769	0.00000	P	110.0	302.4	0.100	0.00009	0.00	0.01	
978	P1023	N769	NV33_1	0.00000	P	110.0	145.0	0.100	0.00000	0.00	0.00	
979	P1113	N1022	N1054	0.00000	P	110.0	85.9	0.150	-0.01514	-0.68	-0.86	
980	P110	N1022	N1034	0.00000	P	110.0	244.8	0.100	-0.00054	-0.03	-0.07	<u> </u>
981	P1117	N81	N82	0.00000	P	110.0	81.0	0.300	0.02963	0.08	0.42	
981	P1117 P1121	N53	N1060	0.00000	P P	110.0	46.8	0.080	-0.00956	-3.36	-1.90	·
982	P1121 P1122	N1060	N80	0.00000	P P	110.0	371.3	0.000	0.03148	0.39	0.45	<u>├ · · · · · </u>
983	P1122 P1123	N75	N1061	0.00000	P P	110.0	31.3	0.300	0.00000	0.00	0.45	<u>├</u>
					P P	110.0	376.5	0.200	0.00000	0.00	0.00	<u>├</u>
985	P1124 P1126	N1061	N1062	0.00000		110.0	376.5	0.200	-0.00096	0.00	-0.03	<u> </u>
986		N1063	N1064	0.00000	P					0.00	-0.03	
987	P1127	N1064	NV8_1	0.00000	P	110.0	28.6	0.200	-0.00096		0.00	
988	P1128	N1062	N1066	0.00000	P	110.0	55.7	0.150	0.00000	0.00		ļ
989	P69_2	NV7_2	N75	0.00000	P	120.0	24.8	0.200	0.00000	0.00	0.00	
990	V7	NV7_1	NV7_2	0.00000	V	10000000.0	0.0	0.200	0.00000	-91.00	0.00	
991	P1127_2	NV8_2	N1065	0.00000	P	110.0	28.6	0.200	-0.00096	0.00	-0.03	
992	V8	NV8_1	NV8_2	0.00000	v	0.0	0.0	0.150	-0.00096	0.00		ļ
993	P37	N90	N89	0.00000	P	110.0	26.0	0.050	0.00323	2.47	1.64	
994	P590	N595	N585	0.00000	Р	120.0	81.8	0.150	-0.00892	-0.21	-0.50	
995	P591	N585	N584	0.00000	Р	120.0	50.0	0.150	-0.01327	-0.26	0.75	ļ
996	P588	N621	N729	0.00000	P	120.0	36.9	0.150	-0.00079	0.00	-0.04	
997	P216_2	NV9_2	N218	0.00000	Р	120.0	59.6	0.250	0.00063	0.00	0.01	
998	V9	NV9_1	NV9_2	0.00000	V	0.0	0.0	0.250	0.00063	0.00	1	1
999	P592	N197	NV65_1	0.00000	Р	120.0	19.6	0.100	0.00000	0.00	0.00	1
1000	P435	N442	N461	0.00000	Р	110.0	27.7	0.250	0.00282	0.00	0.06	1
1001	P201	N203	N88	0.00000	P	110.0	336.7	0.300	0.02941	0.31	0.42	

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1000					<u> </u>						1	<u> </u>
1002	P412	N418	N412	0.00000	. P	110.0	207.2	0.080	-0.00214	-0.94	-0.43	
1003	P409	N412	N415	0.00000	Р	110.0	386.7	0.080	0.00143	0.82	0.28	
1004	P391	N396	N382	0.00000	Р	110.0	239.2	0.050	0.00128	4.12	0.65	
1005	P434	N440	N435	0.00000	P	110.0	59.6	0.250	-0.00661	-0.01	-0.13	· · · · · · · · · · · · · · · · · · ·
<u> </u>	P445	N451	N413	0.00000								
1006					P	110.0	140.0	0.250	-0.01176	-0.06	-0.24	
1007	P122	N413	N119	0.00000	Р	110.0	93.7	0.250	-0.01176	-0.04	-0.24	
1008	P646_2	Nv00_2	N618	0.00000	P	120.0	213.3	0.080	-0.00176	-0.57	-0.35	
1009	v00	Nv00_1	Nv00_2	0.00000	v	2.1	0.0	0.080	-0.00131	-0.01		
1010	P5_2	N1	N7	0.00000	P	120.0	166.7	0.050	0.00103	1.64	0.53	
1011	<u>P1</u>	NI	N2	0.00000	P	110.0	90.5	0.050	0.00000	0.00	0.00	
1012	P90	N91	N44	0.00000	Р	110.0	280.1	0.100	-0.00147	-0.21	-0.19	
1013	P91	N89	N92	0.00000	P	110.0	188.4	0.080	0.00351	2.12	0.70	
1014	P82	N92	N43	0.00000	P	110.0	95.9	0.080	0.00351	1.08	0.70	
1015	P32	N35	N37	0.00000	P	110.0	424.6	0.080	0.00605	13.11	1.20	
1016	P201 2	N88	N1003	0.00000	P	110.0	10.4	0.300	0.02764	0.01	0.39	
1010	P6	N88	NV16 1	0.00000	P	110.0						
							115.5	0.100	0.00000	0.00	0.00	
1018	P7	N5	N4	0.00000	P	110.0	730.7	0.100	0.00000	0.00	0.00	
1019	P8	N88	N8	0.00000	Р	110.0	779.5	0.100	0.00156	0.66	0.20	
1020	P9	N8	N9	0.00000	P	110.0	826.1	0.100	0.00000	0.00	0.00	
1021	P10	N8	N22	0.00000	Р	110.0	142.9	0.100	0.00152	0.12	0.19	
1022	P21	N22	N23	0.00000	P	110.0	126.3	0.100	0.00152	0.10	0.19	
	P22	N23	N24			110.0						
1023				0.00000	P		46.7	0.100	0.00111	0.02	0.14	
1024	P29	N24	N25	0.00000	Р	110.0	180.1	0.100	0.00089	0.05	0.11	
1025	P81	N24	N87	0.00000	Р	110.0	141.1	0.100	0.00013	0.00	0.02	
1026	P1186	N410	N1119	0.00000	Р	110.0	52.1	0.100	-0.00063	-0.01	-0.08	
1027	P1187	N1119	N1120	0.00000	P	110.0	77.9	0.100	-0.00082	-0.02	-0.10	+
1028	P1188	N1120	N1121	0.00000	P	110.0	39.3	0.100	-0.00170	-0.02	-0.22	
1028	P1189	N1120	N1122	0.00000	P	110.0	33.5		-0.00170			
								0.100		-0.08	-0.35	
1030	P1191	N411	N1123	0.00000	P	110.0	140.3	0.100	0.00013	0.00	0.02	
1031	P1192	N410	N1124	0.00000	Р	110.0	17.3	0.100	0.00135	0.01	0.17	
1032	P1193	N1124	N1125	0.00000	Р	110.0	33.2	0.100	0.00077	0.01	0.10	
1033	P1194	N1125	N411	0.00000	P	110.0	56.0	0.100	0.00032	0.00	0.04	
1035	P1195	N1124	N1126	0.00000	P	110.0	127.3	0.100	0.00032	0.00	0.04	
	P1196	N1125										
1035			N1127	0.00000	P	110.0	115.3	0.100	0.00006	0.00	0.01	
1036	P184	N185	N182	0.00000	P	110.0	59.2	0.250	0.00600	0.01	0.12	
1037	P181	N182	N181	0.00000	P	110.0	435.1	0.250	0.00594	0.05	0.12	
1038	P1198	N1128	N1129	0.00000	P.	110.0	245.2	0.050	0.00144	5.25	0.73	
1039	P1199	N1129	N1130	0.00000	P	110.0	205.5	0.050	0.00125	3.37	0.64	
1040	P1200	N1130	N1131	0.00000	P	110.0	524.7	0.050	0.00125	8.61	0.64	
1041	PB1132	NB1070	NB1071	0.00000	Р	130.0	74.5	0.100	0.00651	0.65	0.83	
1042	PB1133	NB1071	NB1072	0.00000	P	130.0	17.1	0.100	0.00651	0.15	0.83	
1043	PB1134	NB1072	NB1073	0.00000	P	130.0	22.8	0.100	0.00651	0.20	0.83	
1044	PB1135	NB1073	NB1074	0.00000	Р	130.0	20.4	0.100	0.00651	0.18	0.83	
1045	PB1136	NB1074	NB1118	0.00000	P	130.0	218.6	0.100	0.00651	1.91	0.83	
1045	PB1138	NB1076	NB1122	0.00000	P	130.0	42.0				0.35	
								0.100	0.00594	0.31		
1047	PB1139	NB1077	NB1078	0.00000	P	130.0	23.5	0.075	0.00474	0.46	1.07	
1048	PB1140	NB1078	NB1075	0.00000	Ρ.	130.0	130.8	0.075	0.00138	0.26	0.31	
1049	PB1141	NB1078	NB1080	0.00000	·P	130.0	120.8	0.075	0.00336	1.26	0.76	
1050	PB1142	NB1080	NB1081	0.00000	P	130.0	196.8	0.075	0.00330	1.99	0.75	
1051	PB1143	NB1081	NB1082	0.00000	P	130.0	216.8	0.075	0.00305	1.89	0.69	
1051	PB1144	NB1082	NB1082	0.00000	P	130.0						
						130.0	141.2	0.075	0.00125	0.24	0.28	
1053	PB1145	NB1083	NB1084	0.00000	P	130.0	70.2	0.075	0.00048	0.02	0.11	
1054	PB1146	NB1084	NB1085	0.00000	Р	130.0	128.6	0.075	0.00012	0.00	0.03	
1055	PB1149	NB1087	NB1088	0.00000	Р	130.0	68.5	0.050	0.00082	0.38	0.42	
1056		NB1088	NB1079	0.00000	Р	130.0	146.4	0.050	0.00070	0.60	0.36	
1057	PB1151	NB1082	NB1089	0.00000	P	130.0	27.7	0.050	0.00086	0.17	0.44	
1058	PB1152	NB1082	NB1090	0.00000	P	110.0	39.1	0.050	0.00048	0.11	0.25	
1058		NB1089	NB1090	0.00000								
	PB1153			and a second	P	130.0	3.3	0.050	0.00046	0.01	0.23	
1060	PB1154	NB1091	NB1092	0.00000	P	130.0	60.5	0.050	0.00010	0.01	0.05	
1061	PB1155	NB1092	NB1093	0.00000	Р	130.0	48.2	0.050	0.00008	0.00	0.04	
1062	PB1156	NB1093	NB1094	0.00000	P	130.0	91.8	0.050	-0.00004	0.00	-0.02	
1063	PB1160	NB1089	NB1098	0.00000	Р	110.0	108.7	0.050	0.00026	0.10	0.13	
1064	PB1157	NB1092	NB1095	0.00000	· P	130.0	93.2	0.050	0.00002	0.00	0.01	
1065	PB1158	NB1091	NB1095	0.00000	P	130.0	106.8	0.050	-0.00002	0.00	-0.01	
	PB1153 2		NB1090	0.00000								
					P	130.0	47.1	0.050	0.00033	0.05	0.17	
1067	PB1159	NB1099	NB1097	0.00000	P	130.0	106.3	0.050	0.00001	0.00	0.00	
1068	PB1161	NB1094	NB1095	0.00000	Р	130.0	46.6	0.050	-0.00004	0.00	-0.02	
1069	PB1164	NB1097	NB1098	0.00000	Р	130.0	49.5	0.050	-0.00020	-0.02	-0.10	
1070	PB1165	NB1090	NB1084	0.00000	P	130.0	173.3	0.050	-0.00010	-0.02	-0.05	
	B1153_2	NB1100	NB1091	0.00000	P	130.0	5.2	0.050	0.00020	0.02	0.10	
1071	PB1167	NB1100	NB1101	0.00000	P	130.0	96.9					
								0.050	0.00000	0.00	0.00	
1073	PB1168	NB1082	NB1102	0.00000	. P	110.0	56.9	0.050	0.00081	0.42	0.41	
1074	PB1169	NB1102	NB1103	0.00000	Р	110.0	51.4	0.050	-0.00002	0.00	-0.01	
1075	PB1170	NB1102	NB1104	0.00000	P	110.0	117.9	0.050	-0.00019	-0.06	-0.10	
1076	PB1171	NB1103	NB1105	0.00000	P	110.0	114.6	0.050	-0.00015	-0.04	-0.08	
1077	PB1172	NB1105	NB1104	0.00000	P	130.0	52.6	0.050	-0.00013		-0.08	
										-0.02		
1078	PB1173	NB1104		0.00000	P	130.0	60.2	0.050	-0.00046	-0.12	-0.24	
1079	PB1174	NB1102	NB1106	0.00000	P	110.0	58.9	0.050	0.00096	0.59	0.49	
1080	PB1175	NB1079	NB1107	0.00000	Р	130.0	21.5	0.080	0.00055	0.01	0.11	
1081	PB1176	NB1107	NB1108	0.00000	P	130.0	21.6	0.080	0.00043	0.00	0.09	
	PB1137_2		NB1076	0.00000	P	130.0	220.6	0.100				
									0.00600	1.66	0.76	
1083	PB1186	NB1118		0.00000	P	110.0	31.3	0.100	0.00618	0.34	0.79	
1084	PB1187	NB1119	NB1120	0.00000	P	110.0	42.2	0.100	0.00618	0.46	0.79]
1085	PB1188	NB1120	NB1121	0.00000	P	110.0	35.0	0.100	0.00606	0.37	0.77	
										· · · · · · · · · · · · · · · · · · ·	·	····

1086			NB1077	0.00000	Р	130.0	238.2	0.100	0.00480	1.19	0.61	
1087		NB1122	NB1087	0.00000	P	110.0	93.5	0.050	0.00095	0.92	0.48	
1088	PB1162	NB1095	NB1096	0.00000	Р	110.0	61.8	0.050	-0.00009	-0.01	-0.05	
1089	PB1140 2	NB1075	NB1079	0.00000	P	130.0	50.9	0.075	-0.00008	0.00	-0.02	
1090		NB1075	NB1109	0.00000	P	110.0	36.4	0.050	0.00134	0.68	0.68	
1091			NB1110	0.00000	P	110.0	38.7	0.050	0.00128	0.66	0.65	
1092		NB1110	NB1111	0.00000	P	110.0	70.6	0.050	0.00115	1.00	0.59	
1092		NB1111	NB1112	0.00000	P	110.0	50.3	0.050			0.59	
1093		NB1112			P				0.00103	0.57		
			NB1113	0.00000		110.0	37.1	0.050	0.00096	0.38	0.49	
1095		NB1113	NB1114	0.00000	Р	110.0	154.6	0.050	0.00090	1.39	0.46	
1096		NB1114	NB1115	0.00000	Р	110.0	36.3	0.050	0.00071	0.21	0.36	
1097		NB1115	NB1116	0.00000	P	110.0	30.9	0.050	0.00065	0.15	0.33	
1098	PB1163	NB1096	NB1117	0.00000	P	110.0	42.2	0.050	-0.00030	-0.05	-0.15	
1099	PB1163_2	NB1117	NB1097	0.00000	P	110.0	7.5	0.050	-0.00002	0.00	-0.01	
1100	PB1185	NB1116	NB1117	0.00000	P	110.0	57.4	0.050	0.00040	0.12	0.21	
1101	PB1131	NB1063	NB1064	0.00000	P	110.0	147.5	0.150	0.00738	0.31	0.42	
1102	PB1130	NB1064	NB1065	0.00000	P	110.0	66.2	0.150	0.00732	0.14	0.41	
1103		NB1065	NB1066	0.00000	P	110.0	59.1	0.150	0.00732	0.14	0.41	
1104		NB1066	NB1069	0.00000	P	110.0	192.2	0.150	0.00726	0.39	0.41	
1105		NB1069	NB1070	0.00000	P	110.0	192.2	0.150	0.00720		0.41	
1105		NB1067	NB1068							0.23		
				0.00000	P	110.0	147.9	0.050	0.00000	0.00	0.00	
1107		NB1068	N951	0.00000	P	110.0	66.2	0.050	0.00000	0.00	0.00	
1108		N951	N952	0.00000	P	110.0	59.1	0.050	0.00000	0.00	0.00	
1109		N952	N953	0.00000	Р	110.0	192.7	0.050	0.00000	0.00	0.00	
1110		N953	N954	0.00000	P	110.0	125.2	0.050	0.00000	0.00	0.00	
1111		N898	N1070	0.00000	P	110.0	133.8	0.150	0.00000	0.00	0.00	
1112	P1134	N1070	N1071	0.00000	Р	110.0	198.9	0.150	0.00000	0.00	0.00	
1113		N1071	N1072	0.00000	P	110.0	48.7	0.150	0.00000	0.00	0.00	
1114		N1072	N1073	0.00000	P	110.0	66.3	0.150	0.00000	0.00	0.00	
1115		N1073	N1074	0.00000	P	110.0	168.1	0.150	0.00000	0.00	0.00	
1116		N929	N1075	0.00000	P	110.0	144.3	0.150	0.00000	0.00	0.00	
1110		N1075	N1075	0.00000	P P	110.0	203.7	0.150				
									0.00000	0.00	0.00	
1118		N1076	N1077	0.00000	P	110.0	39.9	0.150	0.00000	0.00	0.00	
1119		N1077	N1078	0.00000	P	110.0	60.2	0.150	0.00000	0.00	0.00	
1120		N1078	N1079	0.00000	P	110.0	177.5	0.150	0.00000	0.00	0.00	
1121		N917	N1080	0.00000	P	110.0	140.2	0.150	0.01672	1.33	0.95	
1122		N1080	N1081	0.00000	P	110.0	218.8	0.150	0.01672	2.07	0.95	
1123	P1145	N1081	N1082	0.00000	P	110.0	36.3	0.150	0.01672	0.34	0.95	
1124		N1082	N1083	0.00000	Р	110.0	60.2	0.150	0.01672	0.57	0.95	
1125	P1147	N1083	N1084	0.00000	P	110.0	181.7	0.150	0.01672	1.72	0.95	
1126		N983	N1085	0.00000	P	110.0	174.8	0.100	0.00277	0.43	0.35	
1127		N1085	N1086	0.00000	P	110.0	149.0	0.100	0.00277	0.37	0.35	
1128		N1086	N1087	0.00000	P	110.0	136.8	0.100	0.00277	0.34	0.35	
1120		N1087	N1087	0.00000	P	110.0	192.1	0.100	0.00277	0.34	0.35	
1129		N1087	N1089	0.00000	P	110.0	192.1	0.100	0.00233	0.47	0.30	
1130		N1088	N1089	0.00000	P .	110.0	234.1	0.100	0.00233	0.19	0.30	
1131		N1089	N1090	0.00000	P	110.0						
1132		N1090 N1091	N1091	0.00000	P P		91.4	0.100	0.00138	0.06	0.18	
						110.0	205.9	0.100	0.00113	0.10	0.14	
1134		N1092	N1093	0.00000	P	110.0	110.6	0.100	0.00057	0.01	0.07	
1135		N1093	N1094	0.00000	P	110.0	111.6	0.100	0.00025	0.00	0.03	
1136		N999	N978	0.00000	P	110.0	283.5	0.100	0.00019	0.00	0.02	
1137		N977	N1095	0.00000	P	110.0	295.8	0.150	0.02106	4.30	1.19	
1138		N1095	N1096	0.00000	P	110.0	325.5	0.150	0.00133	0.03	0.08	
1139	P1161	N1096	N1097	0.00000	Р	110.0	203.3	0.150	0.00031	0.00	0.02	· · · ·
1140		N1097	N1098	0.00000	P	110.0	279.2	0.150	0.00031	0.00	0.02	
1141		N1098	N1099	0.00000	P	110.0	183.8	0.150	0.00031	0.00	0.02	
1142		N1099	N1100	0.00000	P	110.0	258.4	0.150	0.00031	0.00	0.02	
1143		N1100	N1101	0.00000	P	110.0	413.2	0.150	0.00031	0.00	0.02	
1144		N1101	N1102	0.00000	P	110.0	1292.7	0.050	0.00031	1.66	0.02	
1144		N983	N1001	0.00000	P	110.0	258.6	0.030	-0.00749	-3.99	-0.95	
1145		N1001	N11001	0.00000	P	110.0	327.8		-0.00749	-3.99		
								0.100			-1.37	
1147		N1104	N1105	0.00000	P	110.0	123.1	0.100	-0.01130	-4.07	-1.44	
1148		N1105	N1106	0.00000	P	110.0	204.4	0.100	-0.01231	-7.92	-1.57	
1149		N1106	N1107	0.00000	P	110.0	144.1	0.100	-0.01306	-6.23	-1.66	
1150	P1172	N1107	N1108	0.00000	Р	110.0	144.0	0.100	-0.01382	-6.91	-1.76	
		N1108	N1109	0.00000	P	110.0	129.5	0.100	-0.01413	-6.48	-1.80	
1151	P1173			0.00000	P	110.0	99.1	0.100	-0.01490	-5.47	-1.90	
1151 1152	P1173	N1109	N1110	0.00000	L F							
	P1173 P1174	N1109 N1110	N1110 N1111	0.00000	P	110.0	114.5	0.100	-0.01553	-6.82	-1.98	
1152	P1173 P1174 P1175			0.00000	P					-6.82 -11.66		
1152 1153 1154	P1173 P1174 P1175 P1176	N1110 N1111	N1111 N1112	0.00000 0.00000	P P	110.0	181.9	0.100	-0.01616	-11.66	-2.06	
1152 1153 1154 1155	P1173 P1174 P1175 P1176 P1177	N1110 N1111 N1026	N1111 N1112 N1113	0.00000 0.00000 0.00000	P P P	110.0 110.0	181.9 120.1	0.100 0.150	-0.01616 0.02738	-11.66 2.83	-2.06 1.55	
1152 1153 1154 1155 1156	P1173 P1174 P1175 P1176 P1177 P1177 P1178	N1110 N1111 N1026 N1113	N1111 N1112 N1113 N1114	0.00000 0.00000 0.00000 0.00000	P P P P	110.0 110.0 110.0	181.9 120.1 227.8	0.100 0.150 0.150	-0.01616 0.02738 0.02687	-11.66 2.83 5.20	-2.06 1.55 1.52	
1152 1153 1154 1155 1156 1157	P1173 P1174 P1175 P1176 P1177 P1178 P1179	N1110 N1111 N1026 N1113 N1114	N1111 N1112 N1113 N1114 N1115	0.00000 0.00000 0.00000 0.00000 0.00000	P P P P P	110.0 110.0 110.0 110.0	181.9 120.1 227.8 74.5	0.100 0.150 0.150 0.150	-0.01616 0.02738 0.02687 0.02501	-11.66 2.83 5.20 1.49	-2.06 1.55 1.52 1.42	
1152 1153 1154 1155 1156 1157 1158	P1173 P1174 P1175 P1176 P1177 P1178 P1179 P1180	N1110 N1111 N1026 N1113 N1114 N1115	N1111 N1112 N1113 N1114 N1115 N1116	0.00000 0.00000 0.00000 0.00000 0.00000 0.00000	P P P P P	110.0 110.0 110.0 110.0 110.0 110.0	181.9 120.1 227.8 74.5 243.2	0.100 0.150 0.150 0.150 0.150	-0.01616 0.02738 0.02687 0.02501 0.02501	-11.66 2.83 5.20 1.49 4.86	-2.06 1.55 1.52 1.42 1.42	
1152 1153 1154 1155 1156 1157 1158 1159	P1173 P1174 P1175 P1176 P1177 P1178 P1179 P1180 P1181	N1110 N1111 N1026 N1113 N1114 N1114 N1115 N1116	N1111 N1112 N1113 N1114 N1115 N1116 N1117	0.00000 0.00000 0.00000 0.00000 0.00000 0.00000 0.00000	P P P P P P P	110.0 110.0 110.0 110.0 110.0 110.0 110.0	181.9 120.1 227.8 74.5 243.2 188.2	0.100 0.150 0.150 0.150 0.150 0.150	-0.01616 0.02738 0.02687 0.02501 0.02501 0.02501	-11.66 2.83 5.20 1.49 4.86 3.76	-2.06 1.55 1.52 1.42 1.42 1.42	
1152 1153 1154 1155 1156 1157 1158 1159 1160	P1173 P1174 P1175 P1176 P1177 P1177 P1178 P1179 P1180 P1181 P1182	N1110 N1111 N1026 N1113 N1114 N1115 N1116 N1117	N1111 N1112 N1113 N1114 N1115 N1116 N1117 N1118	0.00000 0.00000 0.00000 0.00000 0.00000 0.00000 0.00000 0.00000	P P P P P P P	110.0 110.0 110.0 110.0 110.0 110.0 110.0 110.0	181.9 120.1 227.8 74.5 243.2 188.2 100.1	0.100 0.150 0.150 0.150 0.150 0.150 0.150	-0.01616 0.02738 0.02687 0.02501 0.02501 0.02501 0.02501	-11.66 2.83 5.20 1.49 4.86 3.76 2.00	-2.06 1.55 1.52 1.42 1.42 1.42 1.42 1.42	
1152 1153 1154 1155 1156 1157 1158 1159 1160 1161	P1173 P1174 P1175 P1176 P1177 P1178 P1178 P1179 P1180 P1181 P1182 P1183	N1110 N1111 N1026 N1113 N1114 N1115 N1116 N1117 N1118	N1111 N1112 N1113 N1114 N1115 N1116 N1117 N1118 N11132	0.00000 0.00000 0.00000 0.00000 0.00000 0.00000 0.00000 0.00000 0.00000	P P P P P P P P	110.0 110.0 110.0 110.0 110.0 110.0 110.0 110.0	181.9 120.1 227.8 74.5 243.2 188.2 100.1 204.0	0.100 0.150 0.150 0.150 0.150 0.150 0.150 0.150 0.150	-0.01616 0.02738 0.02687 0.02501 0.02501 0.02501 0.02501 0.02501	-11.66 2.83 5.20 1.49 4.86 3.76 2.00 4.07	-2.06 1.55 1.52 1.42 1.42 1.42 1.42 1.42 1.42 1.42	
$\begin{array}{c} 1152\\ 1153\\ 1154\\ 1155\\ 1156\\ 1157\\ 1158\\ 1159\\ 1160\\ 1161\\ 1162\\ \end{array}$	P1173 P1174 P1175 P1176 P1177 P1178 P1179 P1180 P1181 P1181 P1182 P1183 P1184	N1110 N1111 N1026 N1113 N1114 N1115 N1116 N1117 N1118 N1132	N1111 N1112 N1113 N1114 N1115 N1116 N1117 N1118 N1132 N1133	0.00000 0.00000 0.00000 0.00000 0.00000 0.00000 0.00000 0.00000 0.00000 0.00000 0.00000	P P P P P P P P P P P	110.0 110.0 110.0 110.0 110.0 110.0 110.0 110.0 110.0 110.0	181.9 120.1 227.8 74.5 243.2 188.2 100.1 204.0 40.7	0.100 0.150 0.150 0.150 0.150 0.150 0.150 0.150 0.150 0.150	-0.01616 0.02738 0.02687 0.02501 0.02501 0.02501 0.02501 0.02501 0.02501	-11.66 2.83 5.20 1.49 4.86 3.76 2.00 4.07 0.81	-2.06 1.55 1.52 1.42 1.42 1.42 1.42 1.42 1.42 1.42 1.42	
1152 1153 1154 1155 1156 1157 1158 1159 1160 1161 1162 1163	P1173 P1174 P1175 P1176 P1176 P1178 P1178 P1179 P1180 P1181 P1182 P1183 P1184 P1185	N1110 N1111 N1026 N1113 N1114 N1115 N1116 N1117 N1118 N1132 N1133	N1111 N1112 N1113 N1114 N1115 N1116 N1117 N1118 N1132 N1133 N1134	0.00000 0.00000 0.00000 0.00000 0.00000 0.00000 0.00000 0.00000 0.00000 0.00000 0.00000 0.00000	P P P P P P P P P P P P	110.0 110.0 110.0 110.0 110.0 110.0 110.0 110.0 110.0 110.0 110.0	181.9 120.1 227.8 74.5 243.2 188.2 100.1 204.0 40.7 173.3	0.100 0.150 0.150 0.150 0.150 0.150 0.150 0.150 0.150	-0.01616 0.02738 0.02687 0.02501 0.02501 0.02501 0.02501 0.02501 0.02501	-11.66 2.83 5.20 1.49 4.86 3.76 2.00 4.07 0.81 3.46	-2.06 1.55 1.52 1.42 1.42 1.42 1.42 1.42 1.42 1.42	
1152 1153 1154 1155 1156 1157 1158 1159 1160 1161 1162 1163 1164	P1173 P1174 P1175 P1176 P1177 P1178 P1179 P1180 P1181 P1182 P1183 P1183 P1184 P1184 P1185 P1201	N1110 N1111 N1026 N1113 N1114 N1115 N1116 N1117 N1118 N1132 N1133 N1134	N1111 N1112 N1113 N1114 N1115 N1116 N1117 N1118 N1132 N1133 N1134 N1135	0.00000 0.00000 0.00000 0.00000 0.00000 0.00000 0.00000 0.00000 0.00000 0.00000 0.00000	P P P P P P P P P P P	110.0 110.0 110.0 110.0 110.0 110.0 110.0 110.0 110.0 110.0	181.9 120.1 227.8 74.5 243.2 188.2 100.1 204.0 40.7	0.100 0.150 0.150 0.150 0.150 0.150 0.150 0.150 0.150 0.150	-0.01616 0.02738 0.02687 0.02501 0.02501 0.02501 0.02501 0.02501 0.02501	-11.66 2.83 5.20 1.49 4.86 3.76 2.00 4.07 0.81 3.46	-2.06 1.55 1.52 1.42 1.42 1.42 1.42 1.42 1.42 1.42 1.42	
1152 1153 1154 1155 1156 1157 1158 1159 1160 1161 1162 1163	P1173 P1174 P1175 P1176 P1177 P1178 P1179 P1180 P1181 P1182 P1183 P1183 P1184 P1184 P1185 P1201	N1110 N1111 N1026 N1113 N1114 N1115 N1116 N1117 N1118 N1132 N1133	N1111 N1112 N1113 N1114 N1115 N1116 N1117 N1118 N1132 N1133 N1134 N1135 N871	0.00000 0.00000 0.00000 0.00000 0.00000 0.00000 0.00000 0.00000 0.00000 0.00000 0.00000 0.00000	P P P P P P P P P P P P	110.0 110.0 110.0 110.0 110.0 110.0 110.0 110.0 110.0 110.0 110.0	181.9 120.1 227.8 74.5 243.2 188.2 100.1 204.0 40.7 173.3	0.100 0.150 0.150 0.150 0.150 0.150 0.150 0.150 0.150 0.150	-0.01616 0.02738 0.02687 0.02501 0.02501 0.02501 0.02501 0.02501 0.02501	-11.66 2.83 5.20 1.49 4.86 3.76 2.00 4.07 0.81	-2.06 1.55 1.52 1.42 1.42 1.42 1.42 1.42 1.42 1.42 1.42 1.42 1.42	
$\begin{array}{c} 1152\\ 1153\\ 1154\\ 1155\\ 1156\\ 1157\\ 1158\\ 1159\\ 1160\\ 1161\\ 1162\\ 1163\\ 1164\\ 1165\\ \end{array}$	P1173 P1174 P1175 P1176 P1177 P1178 P1179 P1180 P1181 P1182 P1183 P1184 P1185 P1201 P1202	N1110 N1111 N1026 N1113 N1114 N1115 N1116 N1117 N1118 N1132 N1133 N1133 N1134 N1135	N1111 N1112 N1113 N1114 N1115 N1116 N1117 N1118 N1132 N1133 N1134 N1135 N871	0.00000 0.00000 0.00000 0.00000 0.00000 0.00000 0.00000 0.00000 0.00000 0.00000 0.00000 0.00000 0.00000 0.00000	P P P P P P P P P P P P	110.0 110.0 110.0 110.0 110.0 110.0 110.0 110.0 110.0 110.0 110.0 110.0 110.0	181.9 120.1 227.8 74.5 243.2 188.2 100.1 204.0 40.7 173.3 126.6 156.3	0.100 0.150 0.150 0.150 0.150 0.150 0.150 0.150 0.150 0.150 0.150 0.150	-0.01616 0.02738 0.02687 0.02501 0.02501 0.02501 0.02501 0.02501 0.02501 0.02501 0.02501 0.02501	-11.66 2.83 5.20 1.49 4.86 3.76 2.00 4.07 0.81 3.46 2.53 2.35	-2.06 1.55 1.52 1.42 1.42 1.42 1.42 1.42 1.42 1.42 1.42 1.42 1.42 1.42 1.42 1.42 1.42 1.42 1.42 1.42	
$\begin{array}{c} 1152\\ 1153\\ 1154\\ 1155\\ 1156\\ 1157\\ 1158\\ 1159\\ 1160\\ 1161\\ 1162\\ 1163\\ 1164\\ 1165\\ 1166\\ \end{array}$	P1173 P1174 P1175 P1176 P1177 P1178 P1179 P1180 P1181 P1182 P1183 P1184 P1185 P1201 P1202 P1204	N1110 N1111 N1026 N1113 N1114 N1115 N1116 N1117 N1118 N1132 N1133 N1133 N1134 N1135 N1198	N1111 N1112 N1113 N1114 N1115 N1116 N1117 N1118 N1132 N1133 N1134 N1135 N871 N1137	0.00000 0.00000 0.00000 0.00000 0.00000 0.00000 0.00000 0.00000 0.00000 0.00000 0.00000 0.00000 0.00000 0.00000 0.00000	P P P P P P P P P P P P P P	110.0 110.0 110.0 110.0 110.0 110.0 110.0 110.0 110.0 110.0 110.0 110.0 110.0 110.0	181.9 120.1 227.8 74.5 243.2 188.2 100.1 204.0 40.7 173.3 126.6 156.3 78.5	0.100 0.150 0.150 0.150 0.150 0.150 0.150 0.150 0.150 0.150 0.150 0.150 0.150 0.150 0.150 0.150	-0.01616 0.02738 0.02687 0.02501 0.02501 0.02501 0.02501 0.02501 0.02501 0.02501 0.02501 0.02501 0.02501	-11.66 2.83 5.20 1.49 4.86 3.76 2.00 4.07 0.81 3.46 2.53 2.35 -2.88	-2.06 1.55 1.52 1.42 1.42 1.42 1.42 1.42 1.42 1.42 1.42 1.42 1.42 1.42 1.42 1.42 1.42 1.42 1.42 1.42 1.42 1.42 1.52	
$\begin{array}{c} 1152\\ 1153\\ 1154\\ 1155\\ 1156\\ 1157\\ 1158\\ 1159\\ 1160\\ 1161\\ 1162\\ 1163\\ 1164\\ 1165\\ 1166\\ 1167\\ \end{array}$	P1173 P1174 P1175 P1176 P1177 P1178 P1179 P1180 P1181 P1182 P1183 P1184 P1185 P1201 P1202 P1204 P1205	N1110 N1111 N1026 N1113 N1114 N1115 N1116 N1117 N1118 N1132 N1133 N1133 N1134 N1135 N1198 N1137	N1111 N1112 N1113 N1114 N1115 N1116 N1115 N1116 N1117 N1132 N1134 N1135 N871 N1137 N1138	0.00000 0.00000 0.00000 0.00000 0.00000 0.00000 0.00000 0.00000 0.00000 0.00000 0.00000 0.00000 0.00000 0.00000 0.00000	P P P P P P P P P P P P P P	110.0 110.0 110.0 110.0 110.0 110.0 110.0 110.0 110.0 110.0 110.0 110.0 110.0 110.0 110.0 110.0	181.9 120.1 227.8 74.5 243.2 100.1 204.0 40.7 173.3 126.6 156.3 78.5 76.0	0.100 0.150 0.150 0.150 0.150 0.150 0.150 0.150 0.150 0.150 0.150 0.150 0.150 0.150 0.150 0.150 0.150	-0.01616 0.02738 0.02687 0.02501 0.02501 0.02501 0.02501 0.02501 0.02501 0.02501 0.02501 0.02501 0.02501 0.02144 -0.01195	-11.66 2.83 5.20 1.49 4.86 3.76 2.00 4.07 0.81 3.46 2.53 2.35 -2.88 -2.79	$\begin{array}{c c} -2.06 \\ \hline 1.55 \\ \hline 1.52 \\ \hline 1.42 \\ \hline 1.21 \\ \hline -1.52 \\ \hline -1.52 \end{array}$	
$\begin{array}{c} 1152\\ 1153\\ 1154\\ 1155\\ 1156\\ 1157\\ 1158\\ 1159\\ 1160\\ 1161\\ 1162\\ 1163\\ 1164\\ 1165\\ 1166\end{array}$	P1173 P1174 P1175 P1176 P1176 P1178 P1179 P1180 P1181 P1182 P1183 P1184 P1185 P1201 P1202 P1204 P1205 P1206	N1110 N1111 N1026 N1113 N1114 N1115 N1116 N1117 N1118 N1132 N1133 N1133 N1134 N1135 N1198	N1111 N1112 N1113 N1114 N1115 N1116 N1117 N1118 N1132 N1133 N1134 N1135 N871 N1137 N1138	0.00000 0.00000 0.00000 0.00000 0.00000 0.00000 0.00000 0.00000 0.00000 0.00000 0.00000 0.00000 0.00000 0.00000 0.00000	P P P P P P P P P P P P P P	110.0 110.0 110.0 110.0 110.0 110.0 110.0 110.0 110.0 110.0 110.0 110.0 110.0 110.0	181.9 120.1 227.8 74.5 243.2 188.2 100.1 204.0 40.7 173.3 126.6 156.3 78.5	0.100 0.150 0.150 0.150 0.150 0.150 0.150 0.150 0.150 0.150 0.150 0.150 0.150 0.150 0.150 0.150	-0.01616 0.02738 0.02687 0.02501 0.02501 0.02501 0.02501 0.02501 0.02501 0.02501 0.02501 0.02501 0.02501	-11.66 2.83 5.20 1.49 4.86 3.76 2.00 4.07 0.81 3.46 2.53 2.35 -2.88	-2.06 1.55 1.52 1.42 1.42 1.42 1.42 1.42 1.42 1.42 1.42 1.42 1.42 1.42 1.42 1.42 1.42 1.42 1.42 1.42 1.42 1.42 1.52	

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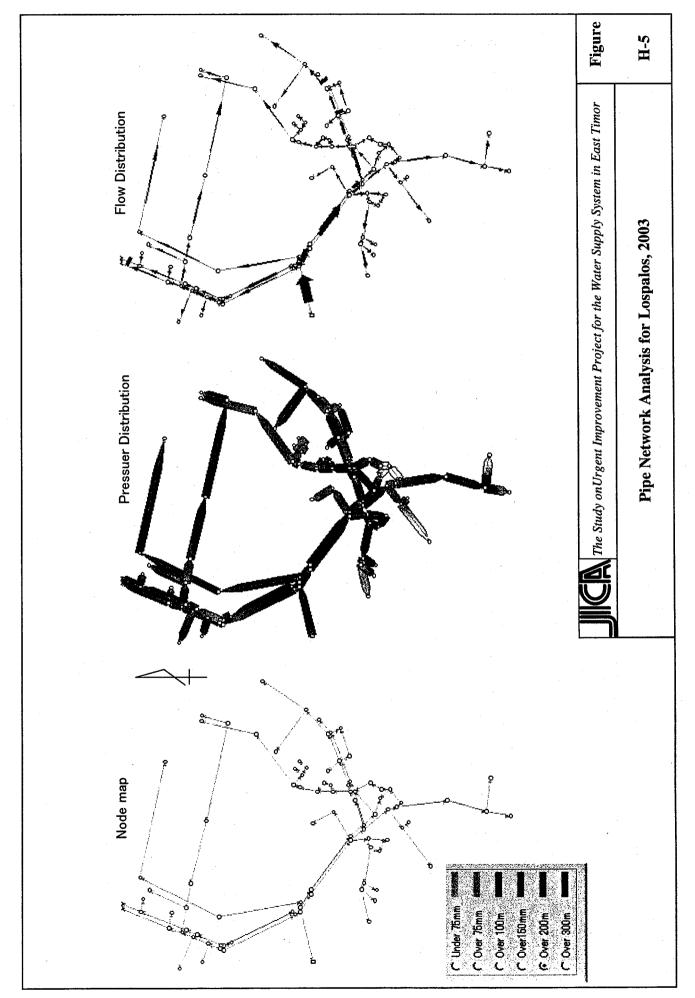
1170 P1208	N1140	N1141	0.00000	Р	110.0	66.3	0.100	-0.01195	-2.43	-1.52	
1171 P1210	N1084	N1142	0.00000	Р	· 110.0	223.7	0.150	0.01672	2.12	0.95	
1172 P1211	N1142	N1143	0.00000	P	110.0	99.0	0.150	0.01672	0.94	0.95	
1173 P1212	N1143	N1144	0.00000	P	110.0	81.3	0.150	0.01672	0.77	0.95	
1174 P1213	N1144	N1145	0.00000	Р	110.0	124.5	0.150	0.01672	1.18	0.95	
1175 P1214	N1145	N1146	0.00000	Р	110.0	56.0	0.150	0.01672	0.53	0.95	
1176 P1215	N1146	N1147	0.00000	Р	110.0	41.5	0.150	0.01672	0.39	0.95	
1177 P1216	N1079	N1148	0.00000	Р	110.0	231.1	0.150	0.00000	0.00	0.00	
1178 P1217	N1148	N1149	0.00000	Р	110.0	100.3	0.150	0.00000	0.00	0.00	
1179 P1218	N1149	N1150	0.00000	Р	110.0	78.0	0.150	0.00000	0.00	0.00	
1180 P1219	N1150	N1151	0.00000	P	110.0	125.6	0.150	0.00000	0.00	0.00	
1181 P1220	N1151	N1152	0.00000	P	110.0	52.8	0.150	0.00000	0.00	0.00	
1182 P1221	N1152	N1153	0.00000	P	110.0	51.1	0.150	0.00000	0.00	0.00	
1183 P977	N958	NV59_1	0.00000	P	110.0	113.6	0.050	0.00000	0.00	0.00	
1184 P887_2		N868	0.00000	P	120.0	143.5	0.200	-0.01630	-0.27	-0.52	
1185 P957_2		N939	0.00000	P	120.0	145.5	0.200	0.00151	0.32		
1186 P1222	N1154	N1156	0.00000	<u>r</u> P	120.0	194.7				0.30	
1180 P1222 1187 P1223	N1156	N1157	0.00000	P P	110.0	280.8	0.100	0.00651	2.32	0.83	
1187 P1223	N1150	N1157	0.00000				0.100	0.00651	3.35	0.83	
				<u>P</u>	110.0	121.2	0.100	0.00600	1.24	0.76	· .
1189 P1226	N1155	N1158	0.00000	P	110.0	104.0	0.100	0.00313	0.32	0.40	
1190 P1227	N1158	N1159	0.00000	P	110.0	304.9	0.100	0.00272	0.73	0.35	
1191 P618_2		N613	0.00000	P	120.0	94.6	0.080	-0.00058	-0.03	-0.12	
1192 P1049_2		N622	0.00000	P	120.0	140.8	0.150	0.00042	0.00	0.02	
1193 P1228	N1160	N1162	0.00000	P	110.0	345.4	0.150	-0.00196	-0.06	-0.11	
1194 P1229	N1162	N1161	0.00000	Р	110.0	190.0	0.150	0.00013	0.00	0.01	
1195 P1230	N628	N1164	0.00000	Р	110.0	126.9	0.100	0.00821	2.32	1.05	
1196 P1231	N1164	N627	0.00000	Р	110.0	286.0	0.100	0.00403	1.41	0.51	
1197 P1232	N1164	N1162	0.00000	Р	110.0	492.7	0.100	0.00360	1.96	0.46	
1198 P372_2		N372	0.00000	P	120.0	54.0	0.150	-0.01587	-0.40	-0.90	
1199 P1233	N1165	N1166	0.00000	Р	110.0	459.0	0,150	0.00401	0.31	0.23	
1200 P1234	N510	N1166	0.00000	P	110.0	75.4	0.150	-0.00254	-0.02	-0.14	
1201 P1235	N510	N564	0.00000	Р	110.0	319.9	0.200	0.02841	1.99	0.90	
1202 P413	N388	N1191	0.00000	P	110.0	135.7	0.250	0.01189	0.06	0.24	·
1203 P397	N400	N389	0.00000	P	110.0	401.0	0.250	0.00154	0.00	0.03	
1204 P386	N389	N399	0.00000	P	110.0	121.9	0.250	0.00058	0.00	0.03	
1205 P1238	N398	N387	0.00000	P	110.0	10.8	0.200	-0.04637	-0.17	-1.48	
1206 P1239	N393	N1168	0.00000	 P	110.0	116.4	0.150	0.00083	0.00	0.05	
1207 P1240	N1168	N1169	0.00000	P	110.0	498.1	0.150	-0.00007	0.00	0.00	
1208 P1241	N1169	N1170	0.00000	P	110.0	154.4	0.100	0.00000	0.00	0.00	
1209 P1242	N1170	NV20 1	0.00000	P	110.0	15.1	0.100	0.00000	0.00	0.00	
1210 P1243	N1171	N1172	0.00000	P	110.0	520.2	0.100	-0.00231	-0.91	-0.29	
1210 112+5 1211 P205_2		N1172	0.00000	P	120.0	10.9	0.100	-0.03421	-0.91	-0.29 -0.48	
1211 1205_2 1212 P1244	N1172	N1173	0.00000	P	120.0	767.3	0.300	-0.03421	-1.67	-0.48	
1212 P1244	N1169	N1173	0.00000	<u>P</u>	110.0	18.6	0.100	-0.00239			
1213 P1245	N1103	N1175	0.00000	P P	110.0				0.00	-0.01	
1214 P1240 1215 P1247	N1174	NV19_1	0.00000	<u>Р</u> Р		158.9	0.100	-0.00070	-0.03	-0.09	
1215 P1247 1216 P1248	N1175	N1177	0.00000		110.0	36.0	0.100	0.00000	0.00	0.00	
				P	110.0	521.9	0.100	-0.00009	0.00	-0.01	
		N207	0.00000	P	120.0	206.4	0.300	-0.03539	-0.23	-0.50	
1218 P1249	N1177	N1178	0.00000	<u> </u>	110.0	770.4	0.100	-0.00099	-0.28	-0.13	
1219 P1250	N1172	N25	0.00000	P	110.0	225.7	0.100	-0.00061	-0.03	-0.08	
1220 P1251	N416	N1175	0.00000	P	110.0	100.4	0.100	0.00152	0.08	0.19	
1221 P225_2		N227	0.00000	Р	120.0	250.7	0.250	0.00047	0.00	0.01	
1222 P1254	N1182	N210	0.00000	Р	110.0	251.2	0.400	-0.03653	-0.09	-0.29	
1223 P191_2			0.00000	P	120.0	12.4	0.200	0.00000	0.00	0.00	
1224 V12	NV12_1			V	10000000.0	0.0	0.200	0.00000	37.49		
1225 P120	N116	N1183	0.00000	·P	110.0	58.6	0.200	-0.00069	0.00	-0.02	
1226 P120_2		N117	0.00000	P	110.0	392.0	0.200	-0.00213	-0.02	-0.07	
1227 P1197	N1183	N1128	0.00000	P	110.0	80.2	0.100	0.00144	0.06	0.18	
1228 P1257	N1197	N231	0.00000	Р	110.0	90.8	0.200	0.00000	0.00	0.00	
1229 P1258	N180	N117	0.00000	Р	110.0	118.1	0.200	0.00307	0.01	0.10	
1230 P158	N181	N118	0.00000	Р	110.0	80.6	0.200	0.00594	0.03	0.19	
1231 P214	N157	NV14_1	0.00000	Р	110.0	20.4	0.400	0.00000	0.00	0.00	
1232 P215	N118	N1196	0.00000	Р	110.0	94.6	0.400	0.00594	0.00	0.05	
1233 P1252	N212	N1180	0.00000	Р	110.0	122.2	0.200	-0.03653	-1.21	-1.16	
1234 P1253	N229	N1181	0.00000	Р	110.0	109.2	0.200	0.00047	0.00	0.01	
	N1063	N1184	0.00000	Р	110.0	256.1	0.200	0.00000	0.00	0.00	
1235 P1125		N1185		P	110.0	355.5	0.200	0.00000	0.00	0.00	
1236 P1259	N1184	141105	0.00000								
		N1185	0.00000		110.0	361.6				0.00	· ·
1236 P1259	N1184			P	110.0 110.0	361.6 90.2	0.200	0.00000	0.00	0.00	
1236 P1259 1237 P1260	N1184 N1185	N1186	0.00000 0.00000	P P	110.0	90.2	0.200	0.00000	0.00 0.00	0.00	
1236P12591237P12601238P1261	N1184 N1185 N1186	N1186 N1187	0.00000	P P P	110.0 110.0	90.2 111.2	0.200 0.200 0.200	0.00000 0.00000 0.00000	0.00 0.00 0.00	0.00 0.00	
1236 P1259 1237 P1260 1238 P1261 1239 P1262 1240 P1263	N1184 N1185 N1186 N1187 N1188	N1186 N1187 N1188 N1189	0.00000 0.00000 0.00000 0.00000	P P P P	110.0 110.0 110.0	90.2 111.2 123.1	0.200 0.200 0.200 0.200	0.00000 0.00000 0.00000 0.00000	0.00 0.00 0.00 0.00	0.00 0.00 0.00	
1236 P1259 1237 P1260 1238 P1261 1239 P1262 1240 P1263 1241 P70	N1184 N1185 N1186 N1187 N1188 N75	N1186 N1187 N1188 N1189 N76	0.00000 0.00000 0.00000 0.00000 0.00000	P P P P P	110.0 110.0 110.0 110.0	90.2 111.2 123.1 333.2	0.200 0.200 0.200 0.200 0.200	0.00000 0.00000 0.00000 0.00000 0.00000	0.00 0.00 0.00 0.00 0.00	0.00 0.00 0.00 0.00	
1236 P1259 1237 P1260 1238 P1261 1239 P1262 1240 P1263 1241 P70 1242 P71	N1184 N1185 N1186 N1187 N1188 N75 N76	N1186 N1187 N1188 N1189 N76 N77	0.00000 0.00000 0.00000 0.00000 0.00000 0.00000	P P P P P P	110.0 110.0 110.0 110.0 110.0 110.0	90.2 111.2 123.1 333.2 77.9	0.200 0.200 0.200 0.200 0.200 0.200	0.00000 0.00000 0.00000 0.00000 0.00000 0.00000	0.00 0.00 0.00 0.00 0.00 0.00	0.00 0.00 0.00 0.00 0.00	
1236 P1259 1237 P1260 1238 P1261 1239 P1262 1240 P1263 1241 P70 1242 P71 1243 P72	N1184 N1185 N1186 N1187 N1188 N75 N76 N77	N1186 N1187 N1188 N1189 N76 N77 N78	0.00000 0.00000 0.00000 0.00000 0.00000 0.00000 0.00000	P P P P P P	110.0 110.0 110.0 110.0 110.0 110.0 110.0	90.2 111.2 123.1 333.2 77.9 127.6	0.200 0.200 0.200 0.200 0.200 0.200 0.200 0.200	0.00000 0.00000 0.00000 0.00000 0.00000 0.00000 0.00000	0.00 0.00 0.00 0.00 0.00 0.00 0.00	0.00 0.00 0.00 0.00 0.00 0.00	
1236 P1259 1237 P1260 1238 P1261 1239 P1262 1240 P1263 1241 P70 1242 P71 1243 P72 1244 P73	N1184 N1185 N1186 N1187 N1188 N75 N76 N77 N78	N1186 N1187 N1188 N1189 N76 N77 N78 N78 N79	0.00000 0.00000 0.00000 0.00000 0.00000 0.00000 0.00000 0.00000	P P P P P P P P	110.0 110.0 110.0 110.0 110.0 110.0 110.0 110.0	90.2 111.2 123.1 333.2 77.9 127.6 138.1	0.200 0.200 0.200 0.200 0.200 0.200 0.200 0.200 0.200	0.00000 0.00000 0.00000 0.00000 0.00000 0.00000 0.00000 0.00000	0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.0	0.00 0.00 0.00 0.00 0.00 0.00 0.00	
1236 P1259 1237 P1260 1238 P1261 1239 P1262 1240 P1263 1241 P70 1242 P71 1243 P72 1244 P73 1245 P65	N1184 N1185 N1186 N1187 N1188 N1188 N75 N76 N77 N78 N1060	N1186 N1187 N1188 N1189 N76 N77 N78 N79 N70	0.00000 0.00000 0.00000 0.00000 0.00000 0.00000 0.00000 0.00000 0.00000	P P P P P P P P	110.0 110.0 110.0 110.0 110.0 110.0 110.0 110.0	90.2 111.2 123.1 333.2 77.9 127.6 138.1 359.6	0.200 0.200 0.200 0.200 0.200 0.200 0.200 0.200 0.200 0.200 0.300	0.00000 0.00000 0.00000 0.00000 0.00000 0.00000 0.00000 0.00000 0.00000 0.00000	0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.0	0.00 0.00 0.00 0.00 0.00 0.00 0.00 -0.58	
1236 P1259 1237 P1260 1238 P1261 1239 P1262 1240 P1263 1241 P70 1242 P71 1243 P72 1244 P73 1245 P65 1246 P66	N1184 N1185 N1186 N1187 N1188 N75 N76 N77 N78 N1060 N70	N1186 N1187 N1188 N1189 N76 N77 N78 N79 N70 N71	0.00000 0.00000 0.00000 0.00000 0.00000 0.00000 0.00000 0.00000 0.00000 0.00000	P P P P P P P P P	110.0 110.0 110.0 110.0 110.0 110.0 110.0 110.0 110.0	90.2 111.2 123.1 333.2 77.9 127.6 138.1 359.6 58.8	0.200 0.200 0.200 0.200 0.200 0.200 0.200 0.200 0.200 0.200 0.300	0.00000 0.00000 0.00000 0.00000 0.00000 0.00000 0.00000 0.00000 -0.04104 -0.04104	0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.0	0.00 0.00 0.00 0.00 0.00 0.00 0.00 -0.58 -0.58	
1236 P1259 1237 P1260 1238 P1261 1239 P1262 1240 P1263 1241 P70 1242 P71 1243 P72 1244 P73 1245 P66 1247 P67	N1184 N1185 N1186 N1187 N1187 N75 N76 N77 N78 N1060 N70 N71	N1186 N1187 N1188 N1189 N76 N77 N78 N79 N70 N70 N71 N72	0.00000 0.00000 0.00000 0.00000 0.00000 0.00000 0.00000 0.00000 0.00000 0.00000	P P P P P P P P P P P P P	110.0 110.0 110.0 110.0 110.0 110.0 110.0 110.0 110.0 110.0	90.2 111.2 123.1 333.2 77.9 127.6 138.1 359.6 58.8 145.9	0.200 0.200 0.200 0.200 0.200 0.200 0.200 0.200 0.200 0.200 0.300 0.300	0.00000 0.00000 0.00000 0.00000 0.00000 0.00000 0.00000 0.00000 0.00000 0.00000 0.00000 0.00000 0.004104 -0.04104	0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.0	0.00 0.00 0.00 0.00 0.00 0.00 -0.58 -0.58 -0.58	
1236 P1259 1237 P1260 1238 P1261 1239 P1262 1240 P1263 1241 P70 1242 P71 1243 P72 1244 P73 1245 P65 1246 P66 1247 P67 1248 P68	N1184 N1185 N1185 N1187 N1187 N1187 N76 N77 N78 N1060 N70 N70 N70 N71 N72	N1186 N1187 N1188 N1189 N76 N77 N78 N79 N70 N71 N72 N73	0.00000 0.00000 0.00000 0.00000 0.00000 0.00000 0.00000 0.00000 0.00000 0.00000 0.00000 0.00000	P P P P P P P P P P P P	110.0 110.0 110.0 110.0 110.0 110.0 110.0 110.0 110.0 110.0 110.0	90.2 111.2 123.1 333.2 77.9 127.6 138.1 359.6 58.8 145.9 153.1	0.200 0.200 0.200 0.200 0.200 0.200 0.200 0.200 0.200 0.200 0.300 0.300 0.300	0.00000 0.00000 0.00000 0.00000 0.00000 0.00000 0.00000 0.00000 0.00000 0.00000 0.00000 0.00000 0.004104 -0.04104 -0.04104	0.00 0.00 0.00 0.00 0.00 0.00 0.00 -0.61 -0.10 -0.25 -0.26	0.00 0.00 0.00 0.00 0.00 0.00 -0.58 -0.58 -0.58 -0.58	
1236 P1259 1237 P1260 1238 P1261 1239 P1262 1240 P1263 1241 P70 1242 P71 1243 P72 1244 P73 1245 P65 1246 P66 1247 P67 1248 P68 1249 P104_2	N1184 N1185 N1186 N1187 N1188 N75 N76 N77 N78 N1060 N70 N70 N71 N71 N72 NV15_2	N1186 N1187 N1188 N1189 N76 N77 N78 N79 N70 N70 N71 N71 N72 N73 N101	0.00000 0.00000 0.00000 0.00000 0.00000 0.00000 0.00000 0.00000 0.00000 0.00000 0.00000 0.00000 0.00000 0.00000 0.00000	P P P P P P P P P P P P P P	110.0 110.0 110.0 110.0 110.0 110.0 110.0 110.0 110.0 110.0 110.0 110.0 110.0 110.0 110.0	90.2 111.2 123.1 333.2 77.9 127.6 138.1 359.6 58.8 145.9 153.1 49.5	0.200 0.200 0.200 0.200 0.200 0.200 0.200 0.200 0.200 0.300 0.300 0.300 0.300 0.300 0.100	0.00000 0.00000 0.00000 0.00000 0.00000 0.00000 0.00000 -0.04104 -0.04104 -0.04104 0.004104	0.00 0.00 0.00 0.00 0.00 0.00 0.00 -0.61 -0.10 -0.25 -0.26 0.00	0.00 0.00 0.00 0.00 0.00 0.00 -0.58 -0.58 -0.58	
1236 P1259 1237 P1260 1238 P1261 1239 P1262 1240 P1263 1241 P70 1242 P71 1243 P72 1244 P73 1245 P65 1246 P66 1247 P67 1248 P68 1249 P104_2 1250 V15	N1184 N1185 N1186 N1187 N75 N76 N77 N78 N1060 N70 N70 N70 N71 N72 NV15_2 NV15_1	N1186 N1187 N1188 N1189 N76 N77 N78 N79 N70 N71 N72 N73 N101 NV15_2	0.00000 0.00000 0.00000 0.00000 0.00000 0.00000 0.00000 0.00000 0.00000 0.00000 0.00000 0.00000 0.00000 0.00000 0.00000 0.00000	P P P P P P P P P P P P V	110.0 110.0 110.0 110.0 110.0 110.0 110.0 110.0 110.0 110.0 110.0 110.0 110.0 110.0 110.0 110.0 110.0 1	90.2 111.2 123.1 333.2 77.9 127.6 138.1 359.6 58.8 145.9 153.1 49.5 0.0	0.200 0.200 0.200 0.200 0.200 0.200 0.200 0.200 0.200 0.300 0.300 0.300 0.300 0.300 0.100	0.00000 0.00000 0.00000 0.00000 0.00000 0.00000 0.00000 -0.04104 -0.04104 -0.04104 0.004104 0.00000 0.00000	0.00 0.00 0.00 0.00 0.00 0.00 -0.61 -0.10 -0.25 -0.26 0.00 -51.93	0.00 0.00 0.00 0.00 0.00 0.00 0.00 -0.58 -0.58 -0.58 -0.58 -0.58 -0.58 -0.58 -0.58	
1236 P1259 1237 P1260 1238 P1261 1239 P1262 1240 P1263 1241 P70 1242 P71 1243 P72 1244 P73 1245 P65 1246 P66 1247 P67 1248 P68 1249 P104_2 1250 V15	N1184 N1185 N1186 N1187 N1187 N75 N76 N77 N78 N1060 N70 N71 N71 N72 N72 N72 N72 N72 N72 N72 N72 N72 N72	N1186 N1187 N1188 N1189 N76 N77 N78 N79 N70 N71 N72 N73 N101 NV15_2 N5	0.00000 0.00000 0.00000 0.00000 0.00000 0.00000 0.00000 0.00000 0.00000 0.00000 0.00000 0.00000 0.00000 0.00000 0.00000 0.00000 0.00000	P P P P P P P P P P P V P	110.0 110.0 110.0 110.0 110.0 110.0 110.0 110.0 110.0 110.0 110.0 110.0 110.0 110.0 110.0 110.0 110.0 110.0 110.0 120.0 10000000.0 110.0	90.2 111.2 123.1 333.2 77.9 127.6 138.1 359.6 58.8 145.9 153.1 49.5 0.0 115.5	0.200 0.200 0.200 0.200 0.200 0.200 0.200 0.200 0.200 0.300 0.300 0.300 0.300 0.300 0.300 0.100	0.00000 0.00000 0.00000 0.00000 0.00000 0.00000 0.00000 0.00000 0.00000 0.04104 -0.04104 -0.04104 -0.04104 0.00000 0.00000 0.00000	0.00 0.00 0.00 0.00 0.00 0.00 0.00 -0.61 -0.10 -0.25 -0.26 0.00 -51.93 0.00	0.00 0.00 0.00 0.00 0.00 0.00 -0.58 -0.58 -0.58 -0.58	
1236 P1259 1237 P1260 1238 P1261 1239 P1262 1240 P1263 1241 P70 1242 P71 1243 P72 1244 P73 1245 P65 1246 P66 1247 P67 1248 P68 1249 P104_2 1250 V15 1251 P6_2 1252 V16	N1184 N1185 N1186 N1187 N1187 N75 N76 N77 N78 N1060 N70 N71 N71 N72 N72 N72 N72 N72 N72 N72 N72 N72 N72	N1186 N1187 N1188 N1189 N76 N77 N78 N79 N70 N70 N71 N72 N73 N101 NV15_2 N5 NV16_2	0.00000 0.00000 0.00000 0.00000 0.00000 0.00000 0.00000 0.00000 0.00000 0.00000 0.00000 0.00000 0.00000 0.00000 0.00000 0.00000	P P P P P P P P P P P P V	110.0 110.0 110.0 110.0 110.0 110.0 110.0 110.0 110.0 110.0 110.0 110.0 110.0 110.0 110.0 110.0 110.0 1	90.2 111.2 123.1 333.2 77.9 127.6 138.1 359.6 58.8 145.9 153.1 49.5 0.0	0.200 0.200 0.200 0.200 0.200 0.200 0.200 0.200 0.200 0.300 0.300 0.300 0.300 0.300 0.100	0.00000 0.00000 0.00000 0.00000 0.00000 0.00000 0.00000 -0.04104 -0.04104 -0.04104 0.004104 0.00000 0.00000	0.00 0.00 0.00 0.00 0.00 0.00 -0.61 -0.10 -0.25 -0.26 0.00 -51.93	0.00 0.00 0.00 0.00 0.00 0.00 0.00 -0.58 -0.58 -0.58 -0.58 -0.58 -0.58 -0.58 -0.58	

Pipe data, Dili

1254	V17		NV17_2		v	0.0	0.0	0.250	0.01215	0.00		
1255	P396_2	NV18_2	N399	0.00000	Р	120.0	56.1	0.250	0.00000	0.00	0.00	
1256	V18	NV18_1	NV18_2	0.00000	V	10000000.0	0.0	0.250	0.00000	-12.32		
1257	P1247_2	NV19_2	N1176	0.00000	P	110.0	264.0	0.100	0.00000	0.00	0.00	
1258	V19		NV19_2	0.00000	v	10000000.0	0.0	0.100	0.00000	22.66		
1259	P1242_2		N1171	0.00000	P	110.0	287.8	0.100	0.00000	0.00	0.00	
		NV20_2				100000000.0				24.93	0.00	
1260	V20	NV20_1	NV20_2	0.00000	V		0.0	0.100	0.00000			
1261	P337_2	NV21_2	N339	0.00000	P	120.0	229.4	0.100	-0.00132	-0.12	-0.17	
1262	V21	NV21_1	NV21_2	0.00000	V	0.0	0.0	0.100	-0.00132	0.00		
1263	P315_2	NV22_2	N318	0.00000	P	120.0	146.0	0.200	0.00923	0.10	0.29	
1264	V22	NV22_1	NV22_2	0.00000	V	0.0	0.0	0.200	0.00923	0.00		
1265	P368 2	NV23 2	N368	0.00000	P	120.0	138.0	0.150	0.00000	0.00	0.00	· · · · ·
1266	V23	NV23_1	NV23_2	0.00000	v	100000000.0	0.0	0.150	0.00000	-20.73	0.00	
1267	P563_2	NV24_2	N555	0.00000	Р	120.0	174.8	0.200	0.00000	0.00	0.00	
1268	V24	NV24_1	NV24_2	0.00000	v	10000000.0	0.0	0.200	0.00000	-17.04		
1269	P490_2	NV27_2	N493	0.00000	Р	120.0	12.3	0.150	0.00000	0.00	0.00	
1270	V27	NV27_1	NV27_2	0.00000	V	10000000.0	0.0	0.150	0.00000	-97.95		
1271	P1264	N746	N705	0.00000	P	110.0	27.9	0.200	0.00694	0.01	0.22	
1272		NV28_2	N991	0.00000	P	120.0	16.3	0.150	0.00000	0.00	0.00	
1273	V28	NV28_1	NV28_2	0.00000	v	100000000.0	0.0	0.150	0.00000	-21.20		
1274		NV29_2	N692	0.00000	P	120.0	5.2	0.200	0.00000	0.00	0.00	
											0.00	
1275	V29	NV29_1	NV29_2	0.00000	V	10000000.0	0.0	0.200	0.00000	-20.85		
1276	P764_2	NV30_2	N750	0.00000	Р	120.0	244.5	0.100	0.00000	0.00	0.00	
1277	V30	NV30_1		0.00000	V	10000000.0	0.0	0.100	0.00000	-21.50		
1278	P1021_2	NV31_2	N999	0.00000	P	120.0	12.7	0.100	0.00000	0.00	0.00	
1279	V31	NV31_1	NV31_2	0.00000	v	10000000.0	0.0	0.100	0.00000	9.96		
1280		NV32 2	N1190	0.00000	P	120.0	141.8	0.100	0.00000	0.00	0.00	
1280	V32	NV32_1	NV32 2	0.00000	v	100000000.0	0.0	0.100	0.00000	-0.03		
1281		NV33 2	N999	0.00000	P	110.0	10.9	0.100	0.00000	0.00	0.00	
											0.00	
1283	V33	NV33_1	NV33_2	0.00000	V	10000000.0	0.0	0.100	0.00000	-46.30		
		N1190	N715	0.00000	P	120.0	69.8	0.100	-0.00092	-0.02	-0.12	
1285	P1265	N1190	NV34_1	0.00000	Р	110.0	16.8	0.800	0.00000	0.00	0.00	
1286		NV34_2	N769	0.00000	P	110.0	16.8	0.800	0.00000	0.00	0.00	
1287	V34	NV34_1	NV34_2	0.00000	v	10000000.0	0.0	0.800	0.00000	56.29		
1288	P1024_2	NV35 2	N1000	0.00000	P	120.0	16.8	0.115	0.00000	0.00	0.00	
1289		NV35 1	NV35_2	0.00000	v	100000000.0	0.0	0.115	0.00000	56.39		
1290		NV36 2	N979	0.00000	P	120.0	14.9	0.065	0.00000	0.00	0.00	
1291	V36	NV36_1	NV36_2	0.00000	· · ·	100000000.0	0.0	0.065	0.00000	57.06	0.00	
											0.00	
1292		NV37_2	N785	0.00000	P	120.0	42.3	0.080	0.00000	0.00	0.00	
1293		NV37_1	NV37_2	0.00000	V	10000000.0	0.0	0.080	0.00000	27.03		
1294		N1136	N797	0.00000	P	110.0	72.6	0.100	0.00919	1.64	1.17	
1295	P905_2	NV38_2	N1024	0.00000	P	110.0	130.9	0.040	0.00000	0.00	0.00	
1296	V38	NV38_1	NV38_2	0.00000	V	10000000.0	0.0	0.040	0.00000	-22.98		
1297	P817 2	NV39 2	N799	0.00000	Р	120.0	118.4	0.080	0.00000	0.00	0.00	······································
1298	V39	NV39 1	NV39 2	0.00000	V	10000000.0	0.0	0.080	0.00000	-25.05		
1299	P993 2	NV40_2	N975	0.00000	P	120.0	31.7	0.080	0.00000	0.00	0.00	
1300		NV40_2	NV40 2	0.00000	+ iv	10000000.0	0.0	0.080	0.00000	-30.47	0.00	
											0.00	
1301	P903_2	NV41_2	N885	0.00000	P	120.0	62.7	0.150	0.00000	0.00	0.00	
1302		NV41_1	NV41_2	0.00000	v	10000000.0	0.0	0.150	0.00000	22.10		
1303	P1266	N987	N885	0.00000	P	110.0	28.3	0.100	0.00274	0.07	0.35	
1304	P1267	N885	N975	0.00000	P	110.0	20.7	0.100	0.00192	0.03	0.24	
1305	P996_2	NV42_2	N980	0.00000	P	120.0	19.7	0.080	0.00000	0.00	0.00	
1306	V42	NV42 1	NV42 2	0.00000	V	100000000.0	0.0	0.080	0.00000	63.34		
1307		NV43_2	N876	0.00000	Р	120.0	17.9	0.150	0.00000	0.00	0.00	
1308		NV43_1		0.00000	v	100000000.0	0.0	0.150	0.00000	68.13		
1308		NV44 2	N875	0.00000	P	120.0	223.0	0.150	0.00000	0.00	0.00	
		NV44_2 NV44_1	NV44 2		V V	10000000.0			0.00000	-67.97	0.00	
1310				0.00000			0.0	0.150				·
1311		NV45_2	N864	0.00000	P	120.0	14.6	0.050	0.00000	0.00	0.00	
1312		NV45_1	NV45_2	0.00000	V	10000000.0	0.0	0.050	0.00000	66.11		
1313		N874	N876	0.00000	P	110.0	97.6	0.150	0.00651	0.16	0.37	
1314		NV48_2		0.00000	P	120.0	21.8	0.150	0.00000	0.00	0.00	
1315		NV48_1	NV48_2	0.00000	V	10000000.0	0.0	0.150	0.00000	88.05		
1316	P1084_2	NV50_2	N878	0.00000	Р	110.0	16.3	0.100	0.00000	0.00	0.00	
1317		NV50_1		0.00000	V	100000000.0	0.0	0.100	0.00000	82.80		
1318		NV54 2	N943	0.00000	P	120.0	98.0	0.080	0.00000	0.00	0.00	
1319		NV54_1		0.00000	V	100000000.0	0.0	0.080	0.00000	-84.15	5.00	
1319		NV55_2	N964	0.00000	P P	120.0	23.4	0.080	0.00000	0.00	0.00	
		NULEE 1	11704			100000000.0					0.00	
1321		NV55_1		0.00000	V		0.0	0.080	0.00000	74.73	0.00	
1322		NV56_2		0.00000	<u>P</u>	120.0	182.3	0.080	0.00000	0.00	0.00	
1323			NV56_2	0.00000	V	10000000.0	0.0	0.080	0.00000	137.61		
1324		NV57_2		0.00000	P	120.0	11.1	0.150	0.00000	0.00	0.00	
1325		NV57_1		0.00000	V	10000000.0	0.0	0.150	0.00000	-12.57	T	
1326	P977_2	NV59_2	N960	0.00000	P	110.0	7.3	0.050	0.00000	0.00	0.00	
1327			NV59_2	0.00000	V	10000000.0	0.0	0.050	0.00000	-137.62		
1328			N891	0.00000	P	110.0	14.0	0.050	0.00000	0.00	0.00	
1329			NV60_2		v	10000000.0	0.0	0.050	0.00000	-123.46		
		N1023	N968	0.00000	P	110.0	27.7	0.050	0.00088	0.00	0.05	
1 1220												
1330		N944	N934	0.00000	P	110.0	11.9	0.150	0.00019	0.00	0.01	i
1331		N1023	N944	0.00000	P	110.0	27.7	0.150	0.00747	0.06	0.42	
1331 1332		N399	N1195	0.00000	Р	110.0	319.2	0.250	0.00000	0.00	0.00	Ĺ
1331 1332 1333	P1236											
1331 1332	P1236 P1237	N1167	N387	0.00000	P	110.0	359.3	0.250	0.10044	7.81	2.05	<u> </u>
1331 1332 1333	P1236 P1237			0.00000 0.00000	P P	110.0 110.0	359.3 397.1	0.250	0.10044	0.09	2.05 0.17	
1331 1332 1333 1334 1335	P1236 P1237 P413_2	N1167 N1191	N387			110.0		0.250				
1331 1332 1333 1334	P1236 P1237 P413_2 P387	N1167	N387 N1193	0.00000	P		397.1		0.00845	0.09	0.17	

Pipe data, Dili

1000	N 10.0											
1338	P408	N412	N1193	0.00000	Р	110.0	21.6	0.080	-0.00357	-0.25	-0.71	
1339	P1273	N419	N1194	0.00000	Р	110.0	30.6	0.200	-0.00333	0.00	-0.11	
1340	P1273_2	N1194	N1193	0.00000	Р	110.0	115.2	0.200	-0.00488	-0.03	-0.16	4
1341	P422_2	NV61_2	N428	0.00000	Р	120.0	31.1	0.250	-0.00077	0.00	-0.02	
1342	V61	NV61_1	NV61_2	0.00000	v	10000000.0	0.0	0.250	0.00000	-39.25		
1343	P1107_2	NV62_2	N1048	0.00000	P	110.0	4303.5	0.100	0.00000	0.00	0.00	
1344	V62	NV62_1	NV62_2	0.00000	V ·	10000000.0	21.7	0.150	0.00000	150.33		
1345	P851	N831	N832	0.00000	P	110.0	35.2	0.150	-0.02258	-0.58	-1.28	
1346	P210_2	NV63_2	N213	0.00000	P	120.0	214.4	0.400	0.00000	0.00	0.00	
1347	V63	NV63_1	NV63_2	0.00000	V .	10000000.0		0.400	0.00000	38.79		
1348	P228_2	N64_2	N230	0.00000	Р	120.0	232.0	0.250	0.00000	0.00	0.00	
1349	64	N64_1	N64_2	0.00000	V	10000000.0		0.250	0.00000	5.00		
1350	P592_2	NV65_2	N105	0.00000	Р	120.0	19.6	0.100	0.00000	0.00	0.00	
1351	V65	NV65_1	NV65_2	0.00000	V	10000000.0		0.100	0.00000	-67.24		
1352	P1274	N84	N98	0.00000	P	110.0	34.6	0.080	0.00824	1.89	1.64	
1353	P1275	N365	N359	0.00000	Р	110.0	27.7	0.100	0.00659	0.34	0.84	
1354	P1277	N585	N583	0.00000	Р	110.0	45.0	0.150	0.00416	0.03	0.24	
1355	P214_2	NV14_2	N118	0.00000	Р	110.0	20.4	0.400	0.00000	0.00	0.00	
1356	V14	NV14_1	NV14_2	0.00000	v	10000000.0		0.400	0.00000	30.53		
1357	P1256_2	N1196	NV66_1	0.00000	Р	110.0	36.4	0.400	0.00000	0.00	0.00	
1358	P159	N1196	N159	0.00000	P	110.0	67.4	0.250	0.00594	0.01	0.12	
1359	P231_2	N1197	N233	0.00000	P	120.0	83.6	0.250	0.00000	0.00	0.00	
1360	P1256_2_2	NV66_2	N214	0.00000	Р	110.0	36.4	0.400	0.00000	0.00	0.00	
1361	V66	NV66_1	NV66_2	0.00000	v	10000000.0		0.400	0.00000	74.47		
1362	P299	N299	N300	0.00000	P	110.0	234.8	0.100	0.00276	0.57	0.35	
1363	P300	N300	N301	0.00000	· P	110.0	65.1	0.050	0.00000	0.00	0.00	
1364	P328	N300	N329	0.00000	P	110.0	168.0	0.050	0.00182	5.55	0.93	
1365	P1278	N311	N293	0.00000	P	110.0	48.4	0.100	0.00487	0.34	0.62	
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-1			Input Data				a esta	Results	
NO	Node Name	Source Head (m)	Demand (m ³ /s)	Altitude (m)	X Coordinates	Y Coordinates	Total Head (m)	Pressure Head	Source Inflow
1	NO	(m)	0.00000	400.00	10.0			(m)	(m³/s)
2	N2 N3	<u> </u>	0.00000 0.00000	400.00 389.00	13.0 16.4	19.0 26.0	432.70 433.41	32.70	
3	N4	·····	0.00000	390.00	18.0	20.0	433.38	<u>44.41</u> 43.38	
4	N5		0.00000	390.00	22.8	30.6	433.30	43.30	
5	N6 N7		0.00000 0.00000	392.00	23.8	31.8	425.68	33.68	
	N8		0.00066	392.00 392.00	26.0 26.8	31.0 30.6	419.60 419.42	27.60 27.42	
8	N9		0.00044	389.00	29.6	29.6	416.78	27.78	
9	N10		0.00000	394.00	32.0	28.6	415.96	21.96	
<u>10</u> 11	N11 N12		0.00022 0.00066	388.00 380.00	<u>34.2</u> 36.8	26.6	415.21	27.21	
12	N12 N13		0.00044	383.00	30.4	22.6 23.8	414.88 415.05	34.88 32.05	
13	N14		0.00000	400.00	12.6	19.0	432.66	32.66	
14	N15		0.00000	389.00	16.0	26.0	433.18	44.18	
15 16	<u>N16</u> N17		0.00000 0.00088	390.00	17.6	27.0	430.22	40.22	
10	N18	·	0.00088	390.00 392.00	22.4 23.4	<u>30.6</u> 31.8	420.82 420.14	30.82 28.14	
18	N19		0.00066	395.00	25.2	34.0	419.49	24.49	
19	N20		0.00000	395.00	25.4	34.8	419.44	24.44	
20 21	<u>N21</u> N22		0.00000	390.00	26.0	39.4	419.31	29.31	
21	N22 N23		0.00000 0.00044	390.00 409.00	25.0 24.6	<u>43.0</u> 45.2	419.20	29.20	
23	N24		0.00044	401.00	28.0	43.4	419.18 419.10	10.18 18.10	
24	N28		0.00000	401.00	25.8	35.2	419.44	18.44	
25 26	N29		0.00044	401.00	27.0	34.2	419.42	18.42	
26	N30 N31		0.00000 0.00044	399.00 396.00	27.0 27.6	33.4	419.42	20.42	
28	N32		0.00044	394.00	26.8	<u>32.4</u> 31.0	419.42 419.42	23.42 25.42	
29	N33		0.00000	393.00	26.8	29.0	419.21	26.21	
30	N34		0.00000	388.00	26.8	27.6	419.18	31.18	
31 32	<u>N35</u> N36		0.00000 0.00000	389.00 388.00	27.2	26.0	418.63	29.63	
33	N37		0.00044	385.00	<u> </u>	25.4 22.0	418.42 418.01	<u>30.42</u> 33.01	
34	N38		0.00044	380.00	33.0	19.4	426.63	46.63	
35	N39		0.00022	378.00	33.2	17.0	417.97	39.97	
36 37	N40 N41		0.00000 0.00044	402.00 406.00	14.0	16.6	432.35	30.35	
38	N42		0.00044	405.00	<u>13.8</u> 14.2	<u>16.2</u> 15.2	430.85 430.49	24.85 25.49	
39	N43		0.00000	405.00	14.6	13.2	430.45	25.49	·
40	N44	-	0.00044	403.00	16.4	9.6	430.41	27.41	
41 42	<u>N46</u> N47		0.00000	403.00	13.2	17.6	431.66	28.66	
43	N48		0.00000	403.00	<u> </u>	<u>15.6</u> 9.6	432.34 432.30	29.34 29.30	
44	N57		0.00000	392.00	18.6	31.8	417.52	25.52	
45	N58		0.00044	392.00	22.6	32.2	420.57	28.57	
46 47	N59 N60		0.00000 0.00000	392.00	21.8	32.4	420.32	28.32	
48	N61		0.00000	405.00 392.00	18.0 17.0	31.6 32.8	417.20 417.10	12.20	
49	N62		0.00066	402.00	24.2	17.4	417.10	25.10	
50	N63		0.00000	405.00	18.6	16.0	428.73	23.73	
51 52	N64 N66	·	0.00022	405.00	16.4	15.6	429.29	24.29	
52	N70		0.00044 0.00000	400.00 405.00	18.0 15.6	12.2 18.6	429.17	29.17	
54	N73		0.00000	392.00	27.4	28.8	433.37 419.20	28.37 27.20	
55	N74		0.00044	391.00	27.6	28.2	419.19	28.19	
56 57	N75		0.00044	388.00	28.3	26.2	418.41	30.41	
57	N77 N78		0.00022	380.00 392.00	33.7 24.8	17.0	426.61	46.61	
59	N79		0.00044	392.00	24.8	32.8 33.3	420.44 419.55	28.44 24.55	
60	N80		0.00022	402.00	20.1	37.9	419.33	17.31	
61	N81		0.00044	392.00	21.5	33.2	420.34	28.34	
62 63	N82 N84		0.00044	392.00	22.4	33.9	420.47	28.47	
64	N84 N87		0.00000 0.00066	390.00 390.00	25.0 23.9	29.0	420.61	30.61	
65	N88		0.00000	390.00	16.1	<u>27.1</u> 25.3	420.46 432.74	30.46 42.64	
66	N83		0.00000	386.00	13.3	19.7	432.70	46.70	
67	N86		0.00000	388.68	23.5	35.3	419.35	30.67	

Node data, Los Palos

68	N89		0.00044	388.68	24.1	35.9	419.15	30.47	1
69	N91		0.00044	405.00	10.9	15.0	430.11	25.11	<u> </u>
70	N93		0.00044	389.00	28.6	28.6	416.45	27.45	
71	N95		0.00000	392.00	27.7	30.5	425.32	33.32	
72	N96		0.00000	394.00	32.1	28.8	425.32	31.32	
73	N97		0.00000	393.00	33.3	27.8	425.32	32.32	
74	N98		0.00044	389.00	30.0	30.5	416.19	27.19	
75	N99		0.00044	394.00	32.5	29.7	415.92	21.92	
76	N100		0.00000	391.37	27.4	30.4	419.62	28.25	
77	N101		0.00022	392.00	17.9	32.9	417.51	25.51	
78	N102		0.00044	405.00	15.1	32.3	417.10	12.10	
79	N104		0.00000	402.50	12.8	18.6	432.38	29.88	
80	N105		0.00000	400.00	13.1	18.8	432.37	32.37	
81	N106		0.00044	410.00	11.5	17.1	431.23	21.23	
82	N107		0.00044	397.00	19.1	11.4	433.34	36.34	
83	N108		0.00044	405.00	16.0	14.3	430.41	25.41	
84	N109		0.00044	397.00	29.5	13.6	432.99	35.99	
85	N110		0.00000	403.00	16.1	11.4	432.30	29.30	
86	N111		0.00044	403.00	17.2	11.6	432.26	29.26	
87	N112		0.00000	385.00	28.9	26.6	418.36	33.36	
88	N113		0.00022	385.00	29.6	25.9	418.30	33.30	
89	N114		0.00022	385.00	28.9	25.5	418.35	33.35	
90	N117		0.00000	405.00	16.9	26.1	433.40	28.40	
91	N118	440.00	0.00000	405.00	11.6	27.1	440.00	35.00	0.02002
92	N115		0.00000	389.77	15.8	25.5	432.77	43.00	

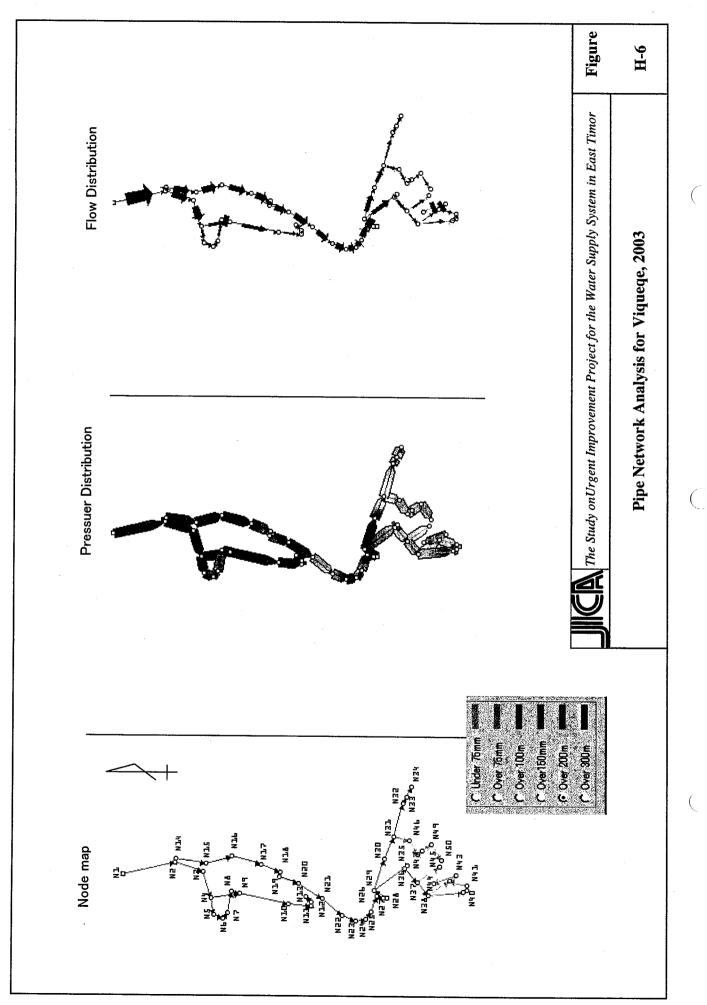
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Pipe data, Los Palos

	100 1000		Ke gan j	Input Data	n Solats A				Results			
(8.5.5)					Type Pipe:	Roughness Coeff.	Length(m)	Diameter(m)				
NO	Pipe Name	Start Node	End Node	Demand	Valve: V	Coeff. A	Coeff. B	Coeff. C	E len: (³ /-)	Head Loss	Veloc. (m/s)	1 orr Coeff
110	1 ipe ivanie	Jarrivouc		(m³/s)	Red. V : VA Fix Head : E	Loss Coeff. Start(S)/End(E)	Head(m)	Diameter(m) Diameter(m)	Flow (m ³ /s)	(m)	1 CIOC. (11/3)	Loss Coch
					Fix Flow : J	Head Loss (m)			CONTRACTOR STREET			
1	P2	N2	N83	0.00000	P	110.0	77.0	0.250	-0.00444	-0.01	-0.091	
2	P3 P4	N3 N4	N4 N5	0.00000	<u>Р</u> Р	110.0 110.0	188.7 600.0	0.250	0.00654	0.03	0.133	
4	P5	N5	N6	0.00000	P	110.0	156.2	0.075	0.00654	7.62	1.480	
5	P6	N18	N7	0.00000	P	110.0	272.0	0.075	0.00116	0.54	0.262	
<u>6</u> 7	P7 P8	<u>N7</u> N8	N8 N100	0.00000	P P	110.0	89.4 62.4	0.075	0.00116	0.18	0.262	
8	P9	N9	N100	0.00000	P	110.0	260.0	0.075	0.00132	0.81	0.335	
9	P10	N10	N11	0.00000	P	110.0	297.3	0.075	0.00132	0.75	0.299	
10	P11	N11	N12	0.00000	P	110.0	477.1	0.075	0.00066	0.33	0.149	
11 12	P12 P13	N11 N14	N13 N115	0.00000	P P	110.0 110.0	472.0	0.075	0.00044	0.16	0.100	
13	P14	N15	N16	0.00000	P	110.0	188.7	0.100	0.00754	2.96	0.961	
14	P15	N16	N17	0.00000	P	110.0	600.0	0.100	0.00754	9.40	0.961	
15 16	P16 P17	N17 N18	N18 N19	0.00000	P P	110.0 110.0	156.2 284.3	0.100	0.00380 0.00265	0.69	0.484	
17	P18	N19	N20	0.00000	P	110.0	82.5	0.100	0.00133	0.04	0.169	
18	P19	N20	N21	0.00000	Р	110.0	463.9	0.100	0.00088	0.14	0.112	
<u>19</u> 20	P20 P21	N21 N22	N22 N23	0.00000	P P	110.0 110.0	373.6	0.100	0.00088	0.11	0.112	
20	P21 P22	N22 N22	N23 N24	0.00000	P P	110.0	302.7	0.100	0.00044	0.02	0.056	<u> · · · · ·</u>
22	P26	N20	N28	0.00000	Р	110.0	56.6	0.100	0.00045	0.00	0.057	
23	P27	N28	N29	0.00000	P	110.0	156.2	0.100	0.00045	0.01	0.057	
<u>24</u> 25	P28 P29	N29 N30	N30 N31	0.00000	P P	110.0 110.0	80.0	0.100	0.00029	0.00	0.036	
26	P30	N31	N32	0.00000	Р	110.0	161.2	0.100	-0.00015	0.00	-0.020	
27	P31	N32	N8	0.00000	P	110.0	40.0	0.100	-0.00004	0.00	-0.005	
28 29	P32 P33	N8 N33	N33 N34	0.00000	P P	110.0 110.0	160.0	0.100	0.00198	0.21	0.252	
30	P34	N34	N35	0.00000	P	110.0	164.9	0.075	0.00154	0.55	0.349	
31	P35	N35	N36	0.00000	Р	110.0	63.2	0.075	0.00154	0.21	0.349	
32 33	P36 P37	N36 N37	N37 N39	0.00000	P P	<u>110.0</u> 110.0	572.0	0.075	0.00066	0.40	0.149	
34	P39	N105	N40	0.00000	P P	110.0	233.9	0.075	0.00022	0.05	0.056	
35	P40	N40	N47	0.00000	Р	110.0	107.7	0.100	0.00044	0.01	0.056	
36	P41 P42	N41 N42	N42 N43	0.00000	P P	110.0	107.7	0.100	0.00330	0.37	0.420	
<u>37</u> 38	P42 P43	N42 N43	N43 N44	0.00000	P P	110.0 110.0	126.5	0.100	0.00088	0.04	0.112	
<u>39</u>	P46	N14	N104	0.00000	Р	110.0	38.1	0.100	0.00506	0.28	0.644	
40	P47	N46	N41	0.00000	P	110.0	152.3	0.100	0.00418	0.80	0.532	
41 42	P48 P59	N47 N17	N110 N58	0.00000	P P	110.0 110.0	452.4	0.100	0.00044	0.04 0.26	0.056	
43	P60	N58	N59	0.00000	P	110.0	82.5	0.050	0.00050	0.25	0.253	
44	P61	N59	N57	0.00000	P	110.0	325.6	0.050	0.00088	2.80	0.448	
45 46	P62 P63	N57 N60	N60 N61	0.00000	P P	110.0 110.0	63.2 156.2	0.050	0.00066	0.32	0.336	ļ
47	P64	N38	N61 N62	0.00000	P	110.0	902.4	0.030	-0.00022	-0.63	-0.149	<u> </u>
48	P67	N62	N63	0.00000	P	110.0	577.2	0.075	-0.00132	-1.46	-0.299	
49 50	P68 P69	N63	N64 N66	0.00000	P	110.0	223.6	0.075	-0.00132	-0.57	-0.299	
50	P09 P73	N64 N64	N00 N42	0.00000	P P	<u>110.0</u> 110.0	375.8 223.6	0.075	-0.00198	0.12	0.100	
52	P74	N33	N73	0.00000	P	110.0	60.9	0.150	0.00167	0.01	0.094	
53	P75	N73	N74	0.00000	P	110.0	64.1	0.150	0.00167	0.01	0.094	
54 55	P76 P77	N74 N36	N34 N75	0.00000	P P	110.0 110.0	100.0	0.150	0.00123	0.01	0.070	<u> </u>
56	P78	N38	N77	0.00000	Р	110.0	246.9	0.075	0.00088	0.00	0.050	1
57	P79	N6	N78	0.00000	Р	110.0	141.6	0.050	0.00194	5.24	0.986	
<u>58</u> 59	P80 P81	N78 N78	N32 N79	0.00000	P P	110.0 110.0	276.1 149.4	0.050	0.00056	1.02	0.283	
60	P81 P82	N29	N79	0.00000	P P	110.0	149.4	0.050	-0.00072	-0.13	-0.142	
61	P83	N19	N86	0.00000	Р	110.0	211.4	0.075	0.00066	0.15	0.149	İ
62	P84	N59	N81	0.00000	P	110.0	89.6	0.075	-0.00038	-0.02	-0.087	ļ
63 64	P85 P86	N58 N82	N82 N81	0.00000 0.00000	P P	110.0 110.0	<u>170.9</u> 118.6	0.100	0.00126	0.10	0.161	
65	P87	N17	N84	0.00000	P	110.0	301.8	0.075	0.00066	0.15	0.149	
66	P89	N84	N87	0.00000	Р	110.0	214.9	0.075	0.00066	0.15	0.149	
67 68	P2_2 P83_2	N83 N86	N88 N80	0.00000	P P	110.0 110.0	623.3 429.1	0.250	-0.00444 0.00022	-0.04	-0.091 0.050	<u> </u>
69	P91	N86	N89	0.00000	P P	110.0	81.0	0.075	0.00022	0.04	0.050	
70	P92	N41	N91	0.00000	Р	110.0	313.2	0.050	0.00044	0.75	0.224	
71	P93	N9	N93	0.00000	P	110.0	138.7	0.050	0.00044	0.33	0.224	
72 73	P94 • P95	N6 N95	N95 N96	0.00000	P P	110.0	406.0	0.150	0.00460	0.35	0.260	<u> </u>
74	P95 P97	N95 N96	N90	0.00000	P P	110.0	161.4	0.150	0.00000	0.00	0.000	<u> </u>
75	P98	N9	N98	0.00000	Р	110.0	98.5	0.050	0.00072	0.58	0.366	
76	P99	N10	N99	0.00000	Р	110.0	119.0	0.050	0.00016	0.04	0.082	

Pipe data, Los Palos

78	P8_2	N100	N9	0.00000	Р	110.0	234.9	0.075	0.00308	2.85	0.697
79	P101	N100	N95	0.00000	Р	110.0	31.1	0.050	-0.00460	-5.70	-2.343
80	P102	N57	N101	0.00000	Р	110.0	133.3	0.075	0.00022	0.01	0.050
81	P46 2	N104	N46	0.00000	Р	110.0	114.2	0.100	0.00462	0.72	0.588
82	P105	N104	N105	0.00000	P	110.0	34.5	0.075	0.00044	0.01	0.100
83	P106	N46	N106	0.00000	Р	110.0	176.2	0.050	0.00044	0.42	0.224
84	P107	N2	N14	0.00000	Р	110.0	40.0	0.150	0.00444	0.03	0.251
85	P108	N70	N107	0.00000	Р	110.0	805.0	0.150	0.00088	0.03	0.050
86	P109	N43	N108	0.00000	P	110.0	141.2	0.075	0.00044	0.05	0.100
87	P110	N107	N109	0.00000	Р	110.0	1065.7	0.075	0.00044	0.35	0.100
88	P48 2	N110	N48	0.00000	Р	110.0	193.9	0.100	0.00000	0.00	0.000
89	P111	N110	N111	0.00000	Р	110.0	116.5	0.075	0.00044	0.04	0.100
90	P112	N75	N112	0.00000	Р	110.0	77.8	0.050	0.00022	0.05	0.112
91	P113	N112	N113	0.00000	Р	110.0	95.5	0.050	0.00022	0.06	0.112
92	P114	N75	N114	0.00000	Р	110.0	89.1	0.050	0.00022	0.06	0.112
94	P118	N70	N117	0.00000	Р	110.0	758.1	0.150	-0.00088	-0.03	-0.050
95	P119	N3	N118	0.00000	Р	110.0	498.4	0.150	-0.02002	-6.59	-1.133
96	P120	N60	N102	0.00000	· P	110.0	295.2	0.075	0.00044	0.10	0.100
96	P13 2	N115	N15	0.00000	Р	110.0	54.5	0.100	-0.00506	-0.41	-0.644
97	P121	N88	N115	0.00000	P	110.0	36.5	0.150	-0.00444	-0.03	-0.251
98	P117	N3	N15	0.00000	Р	110.0	40.0	0.150	0.01260	0.22	0.713
99	P122	N3	N117	0.00000	Р	110.0	49.5	0.150	0.00088	0.00	0.050



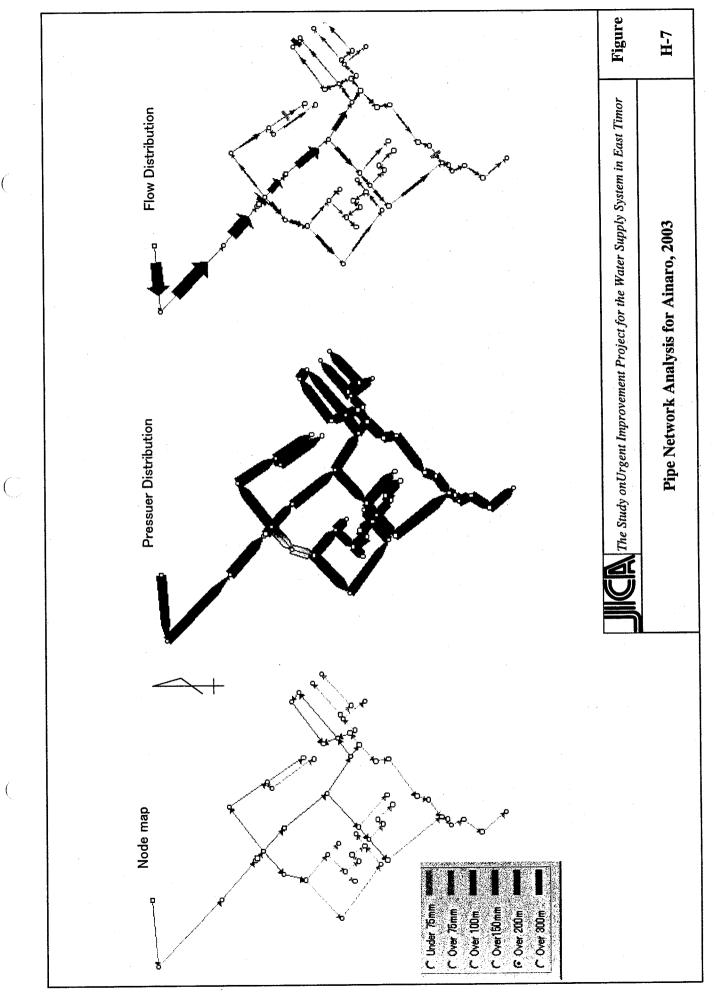
-1	Net on the second	i na kaj se st	Input Data			August 1995.		Results	
NO	Node Name	Source Head (m)	Demand (m ³ /s)	Altitude (m)	X Coordinates	Y Coordinates	Total Head (m)	Pressure Head (m)	Source Inflow (m ³ /s)
1	N1	125.60	0.00000	125.60	10.0	5.0	125.60	0.00	0.01770
2	N2	120.00	0.00000	82.00	11.3	10.7	120.98	38.98	
3	N3		0.00000	78.00	10.3	13.8	115.34	37.34	
4	N4	·	0.00186	81.00	7.5	14.7	110.25	29.25	·
5	N5		0.00093	80.00	5.7	15.0	109.71	29.71	
6	N6		0.00000	78.00	5.3	16.0	109.52	31.52	
7	N7		0.00093	78.00	5.9	16.5	109.38	31.38	
8	N8		0.00186	75.00	8.2	16.9	109.20	34.20	
9	N9		0.00000	72.00	8.0	17.8	109.20	37.20	
10	N10		0.00186	70.00	6.9	23.1	107.48	37.48	
11	N10		0.00093	69.00	6.7	25.6	107.26	38.26	
12	N12		0.00000	69.00	7.1	25.6	107.25	38.25	
13	N12 N13		0.00093	67.00	7.7	25.0	107.23	40.23	
14	N14		0.00000	82.00	11.7	10.8	120.39	38.39	
15	N14		0.00000	78.00	11.2	14.1	115.61	37.61	
16	N15 N16		0.00000	71.00	12.0	16.9	111.43	40.43	
17	N10		0.00000	70.00	11.1	20.1	106.67	36.67	
18	N18		0.00000	70.00	10.3	22.2	103.44	33.44	
19	N18		0.00000	70.00	9.8	22.1	102.71	32.71	
20	N19 N20		0.00000	71.00	9.1	24.2	99.54	28.54	
20	N21	· · · · · · · · · · · · · · · · · · ·	0.00000	72.00	7.5	26.8	95.16	23.16	
21	N22		0.00000	79.00	5.7	29.0	91.09	12.09	
22	N23		0.00000	90.00	5.1	30.5	88.77	-1.23	
23	N24		0.00000	88.00	5.3	31.6	87.17	-0.83	
24	N25		0.00000	75.00	6.1	32.2	85.74	10.74	
25	N26		0.00000	78.00	7.8	32.8	83.15	5.15	
20	N27		0.00840	93.60	7.6	33.5	82.11	-11.49	
27	N28	89.50	0.00000	93.60	7.6	33.9	89.50	-4.10	0.01230
28	N29	69.50	0.00063	78.00	8.4	32.5	84.82	6.82	
30	N30		0.00126	77.00	11.8	33.6	82.34	5.34	
31	N31		0.00126	65.00	14.2	34.6	81.21	16.21	
32	N31		0.00000	70.00	17.8	35.6	81.05	11.05	
33	N32 N33		0.00000	67.00	18.5	36.0	81.02	14.02	
34	N34		0.00000	70.00	19.6	36.5	80.97	10.97	
34	N35	+	0.00120	50.00	11.1	36.1	81.36	31.36	
36	N36		0.00120	57.00	10.8	35.8	81.15	24.15	
37	N37		0.00126	70.00	9.3	37.2	80.57	10.57	
38	N38	·····	0.00063	70.00	7.9	38.4	80.45	10.45	· · · · · · · · · · · · · · · · · · ·
39	N39		0.00032	70.00	8.3	42.2	79.56	9.56	
40	N40	+	0.00032	65.00	8.5	42.6	79.54	14.54	
40	N40	1	0.00032	65.00	9.0	42.6	79.55	14.55	
41	N42		0.00000	55.00	9.5	40.7	79.92	24.92	
42	N43	+	0.00000	55.00	10.1	41.4	79.92	24.92	
43	N44		0.00000	70.00	9.2	39.0	79.92	9.92	
45	N45		0.00063	60.00	11.0	39.6	79.55	19.55	
45	N46		0.00000	65.00	13.8	36.3	76.58	11.58	
40	N40	1	0.00126	60.00	12.3	37.2	71.93	11.93	
48	N48		0.00000	60.00	12.7	37.7	71.71	11.71	
49	N49		0.00000	58.00	13.4	38.7	71.29	13.29	
50	N50		0.00063	60.00	11.7	39.8	70.58	10.58	
		1	0.03000				-		

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				Input Data					Results			
NO	Pipe Name	Start Node	End Node	Demand (m ³ /s)	Type Pipe: P Pump:PM Valve: V Red. V : VA Fix Head : E Fix Flow : J	Roughness Coeff. Coeff. A Loss Coeff. Start(S)/End(E) Head Loss (m)	Length(m) Coeff. B Head(m)	Diameter(m) Coeff. C Diameter(m) Diameter(m)	Flow (m ³ /s)	Head Loss (m)	Veloc. (m/s)	Loss Coeff
1	P 1	N1	N2	0.00000	P	110.0	438.5	0.150	0.01770	4.62	1.002	nation (Alternation) 1
2	P2	N2	N3	0.00000	P	110.0	244.3	0.100	0.00930	5.64	1.184	
3	P3	N3	N4	0.00000	P	110.0	220.6	0.100	0.00930	5.09	1.184	
4	P4	N4	N5 .	0.00000	Р	110.0	136.9	0.100	0.00361	0.55	0.460	
5	P5	N5	N6	0.00000	P	110.0	80.8	0.100	0.00268	0.19	0.341	
6	P6	N6 :	N7	0.00000	Р	110.0	58.6	0.100	0.00268	0.14	0.341	
7	P 7	N7	N8	0.00000	P	110.0	175.1	0.100	0.00175	0.18	0.223	
8	P8	N8	N9	0.00000	Р	110.0	69.1	0.100	-0.00011	0.00	-0.014	
9	P9	N9	N10	0.00000	P	110.0	406.0	0.100	0.00372	1.72	0.474	
10	P10	N10	N11	0.00000	P	110.0	188.1	0.100	0.00186	0.22	0.237	
11	P11	N11	N12	0.00000	P	110.0	30.0	0.100	0.00093	0.01	0.118	
12	P12	N12	N13	0.00000	P	110.0	63.6	0.100	0.00093	0.02	0.118	
13	P13	N4	N9	0.00000	Р	110.0	235.5	0.100	0.00383	1.05	0.488	
14	P14	N2	N14	0.00000	P	110.0	30.9	0.100	0.00840	0.59	1.070	
15	P15	N14	N15	0.00000	P	110.0	250.3	0.100	0.00840	4.78	1.070	
16	P16	N15	N16	0.00000	P	110.0	218.4	0.100	0.00840	4.17	1.070	
17	• P17	N16	N17	0.00000	P	110.0	249.3	0.100	0.00840	4.77	1.070	
18	P18	N17	N18	0.00000	Р	110.0	168.5	0.100	0.00840	3.22	1.070	
19	P19	N18	N19	0.00000	P	110.0	38.2	0.100	0.00840	0.73	1.070	
20	P20	N19	N20	0.00000	P	110.0	166.0	0.100	0.00840	3.17	1.070	
21	P21	N20	N21	0.00000	P	110.0	229.0	0.100	0.00840	4.38	1.070	1
22	P22	N21	N22	0.00000	P	110.0	213.2	0.100	0.00840	4.07	1.070	
23	P23	N22	N23	0.00000	P	110.0	121.2	0.100	0.00840	2.32	1.070	
24	P24	N23	N24	0.00000	P	110.0	83.9	0.100	0.00840	1.60	1.070	
25	P25	N24	N25	0.00000	Р	110.0	75.0	0.100	0.00840	1.43	1.070	
26	P26	N25	N26	0.00000	Р	110.0	135.2	0.100	0.00840	2.58	1.070	
27	P27	N26	N27	0.00000	Р	110.0	54.6	0.100	0.00840	1.04	1.070	
28	P28	N28	N29	0.00000	Р	110.0	120.9	0.100	0.01230	4.68	1.566	
29	P29	N29	N30	0.00000	Р	110.0	268.0	0.100	0.00567	2.48	0.722	
30	P30	N30	N31	0.00000	P	110.0	195.0	0.100	0.00441	1.13	0.562	
31	P31	N31	N32	0.00000	Р	110.0	280.2	0.100	0.00126	0.16	0.160	
32	P32	N32	N33	0.00000	Р	110.0	60.5	0.100	0.00126	0.03	0.160	
33	P33	N33	N34	0.00000	Р	110.0	90.6	0.100	0.00126	0.05	0.160	
34	P34	N29	N35	0.00000	Р	110.0	337.5	0.100	0.00600	3.46	0.764	
35	P35	N35	N36	0.00000	Р	110.0	31.8	0.100	0.00474	0.21	0.604	
36	P36	N36	N37	0.00000	Р	110.0	153.9	0.100	0.00348	0.58	0.443	
37	P37	N37	N38	0.00000	P	110.0	138.3	0.100	0.00159	0.12	0.202	
38	P38	N38	N39	0.00000	P	110.0	286.6	0.050	0.00051	0.89	0.259	
39	P39	N39	N40	0.00000	P	110.0	33.5	0.050	0.00019	0.02	0.096	
40	P40	N40	N41	0.00000	P	110.0	37.5	0.050	-0.00013	-0.01	-0.067	
41	P41	N41	N42	0.00000	P	110.0	147.4	0.050	-0.00045	-0.37	-0.230	
42	P42	N42	N43	0.00000	Р	110.0	69.1	0.050	0.00000	0.00	0.000	
43	P43	N43	N44	0.00000	P	110.0	192.2	0.050	0.00000	0.00	0.000	
44	P44	N37	N45	0.00000	Р	110.0	220.6	0.050	0.00063	1.02	0.321	
45	P45	N31	N46	0.00000	Р	110.0	131.0	0.050	0.00189	4.64	0.963	
46	P46	N46	N47	0.00000	P	110.0	131.2	0.050	0.00189	4.64	0.963	
47	P47	N47	N48	0.00000	P	110.0	48.0	0.050	0.00063	0.22	0.321	
48	P48	N48	N49	0.00000	P	110.0	91.5	0.050	0.00063	0.42	0.321	
49	P49	N49	N50	0.00000	P	110.0	151.9	0.050	0.00063	0.70	0.321	
50	P50	N38	N42	0.00000	P	110.0	210.6	0.050	0.00045	0.53	0.230	
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Node data, Ainaro

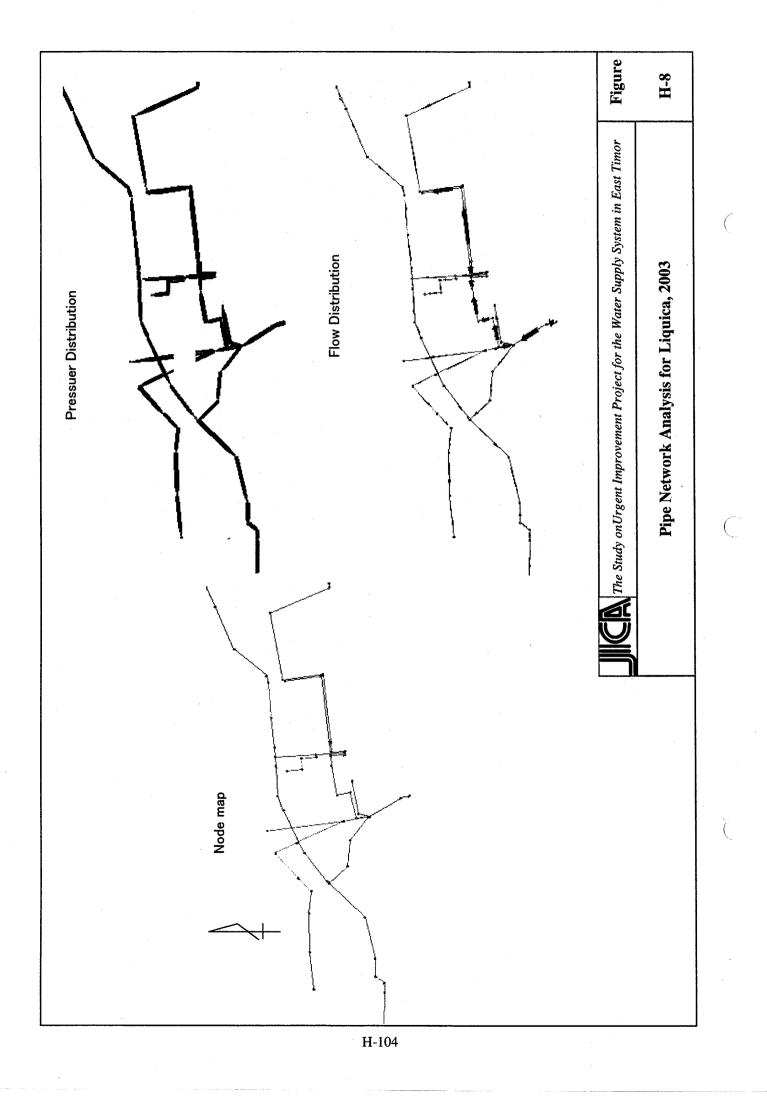
-1			Input Data					Results	
NO	Node Name	Source Head	D 1/ 3/5	A1674 A. 7 . X	Y C Y			Pressure Head	Source Inflow
no	TADUE TAILLE	(m)	Demand (m ³ /s)	Altitude (m)	X Coordinates	Y Coordinates	Total Head (m)	(m)	(m ³ /s)
1	N1	1025.00	0.00000	1025.00	9.0	4.5	1025.00	0.00	0.01200
2	N2		0.00000	965.00	5.4	4.8	1024.78	59.78	0.01200
3	N3		0.00000	925.00	9.0	8.3	1024.47	99.47	
4	N4		0.00000	900.00	11.6	10.6	964.97	64.97	
5	N5		0.00720	890.00	12.8	11.7	964.69	74.69	
6	N6	··	0.00048	860.00	14.7	14.1	904.43	44.43	
78	N7 N10		0.00000	845.00	16.7	15.4	904.25	59.25	-
9	N10 N11		0.00048 0.00048	745.00	17.7	14.7	904.23	159.23	
10	N12		0.00048	838.00 845.00	20.2 19.7	12.6	904.22	66.22	
11	N12 N14		0.00024	880.00	15.0	12.2 11.1	904.22	59.22	
12	N15		0.00024	935.00	14.0	8.7	964.95 964.97	84.95 29.97	
13	N16		0.00024	905.00	15.3	10.8	964.97	59.96	
14	N17		0.00036	863.00	16.6	12.8	964.96	101.96	
15	N18		0.00000	945.00	10.4	11.7	964.90	19.90	
16	N19		0.00048	934.00	10.0	12.9	964.85	30.85	
17	N20		0.00048	870.00	7.9	14.9	964.72	94.72	
18	N21		0.00048	860.00	10.8	17.0	964.61	104.61	
19	N22		0.00036	825.00	11.9	16.1	964.59	139.59	
20	N23		0.00048	825.00	12.5	15.6	964.59	139.59	
21 22	N24 N25		0.00000	870.00	11.4	14.1	964.84	94.84	
22	N25 N26		0.00048	840.00	12.0	14.7	964.84	124.84	
23	N20 N27		0.00000 0.00036	880.00	10.5	15.0	964.37	84.37	
25	N28		0.00000	895.00 850.00	9.9 11.0	15.6	963.94	68.94	
26	N29		0.00012	840.00	11.0	15.8 15.4	964.40	114.40	
27	N31		0.00012	875.00	11.4	15.4	964.42 904.36	124.42	
28	N32		0.00024	875.00	12.9	15.8	904.36	29.36 29.34	
29	N33		0.00024	860.00	11.1	17.4	904.34	44.32	
30	N34		0.00048	837.00	13.4	20.4	904.20	67.20	
31	N8		0.00048	837.00	17.3	15.9	904.23	67.23	
32	N9		0.00048	840.00	18.0	15.4	904.22	64.22	
33	N35		0.00048	840.00	18.1	15.6	904.21	64.21	
34	N36		0.00000	840.00	18.8	15.0	904.20	64.20	
35	N37		0.00000	840.00	19.0	14.9	904.20	64.20	
36 37	N38 N39		0.00048	840.00	20.7	13.4	904.19	64.19	
38	N39 N40		0.00024	825.00	19.7	16.2	903.78	78.78	
39	N40 N41		0.00006 0.00030	830.00 825.00	19.5	15.4	903.75	73.75	
40	N42		0.00030	825.00	21.2 16.4	13.8	902.78	77.78	
41	N43		0.00012	837.00	16.5	16.8 17.5	904.22	67.22	
42	N44		0.00012	837.00	14.5	17.5	904.22 904.20	67.22 67.20	
43	N45		0.00024	837.00	14.3	19.0	904.20	67.20	
44	N46		0.00006	835.00	13.3	20.7	904.20	69.19	
45	N47		0.00012	830.00	12.9	20.9	904.19	74.19	
46	N48		0.00060	830.00	13.2	21.6	904.17	74.17	
47	N49		0.00012	825.00	12.6	22.6	904.17	79.17	
48	N50		0.00036	825.00	13.6	23.9	904.17	79.17	
49	N51		0.00003	855.00	13.01	17.1	904.26	49.26	
50	N52		0.00003	855.00	13.3	16.8	904.24	49.24	
51 52	N53 N54		0.00006	855.00	14.1	17.7	904.22	49.22	
52	N54 N55		0.00012	855.00	14.6	17.4	904.18	49.18	
54	N33 N13		0.00000 0.00024	850.00	17.4	13.9	904.23	54.23	
55	N15 N56	905.00	0.00024	850.00 905.00	16.6	13.4	964.92	114.92	
56	N57	202.00	0.00000	965.00	12.8 11.1	11.7	905.00	0.00	0.00762
57	N58	965.00	0.01200	965.00	11.1	10.2 10.3	1024.30	59.30	0.01157
				00.00	11.4	10.5	965.00	0.00	0.01176

Pipe data, Ainaro

2012 (A. 197								8	Results			
NO	Pipe Name	Start Node	End Node	Demand (m³/s)	Type Pipe: P Pump PM Valve: V Red. V : VA Fix Head : E Fix Flow : J	Roughness Coeff. Coeff. A Loss Coeff. Start(S)/End(E) Head Loss (m)	Length(m) Coeff. B Head(m)	Diameter(m) Coeff. C Diameter(m) Diameter(m)	Flow (m ² /s)	Head Loss (m)	Veloc. (m/s)	Loss Coeff
1	P1	N1	N2	0.00000	P	110.0	43.3	0.150	0.01200	0.22	0.679	
2	P2	N2	N3	0.00000	P	110.0	60.3	0.150	0.01200	0.31	0.679	
3 4	P4 P6	N4 N6	N5 N7	0.00000	P P	110.0	19.5	0.100	0.00720	0.28	0.917	
4 5	P0 P9	N0 N7	N/ N10	0.00000	P P	110.0 110.0	28.6	0.100	0.00456	0.18	0.581	
6	P10	N10	N10	0.00000	P	110.0	39.2	0.100	0.00039	0.02	0.265	
7	P11	N11	N12	0.00000	P	110.0	7.7	0.100	-0.00009	0.00	-0.012	
8	P12	N12	N55	0.00000	P	110.0	40.9	0.100	-0.00033	0.00	-0.042	
9	P14	N4	N15	0.00000	P	110.0	36.2	0.150	0.00132	0.00	0.075	
10 11	P15 P16	N15 N16	N16 N17	0.00000	P P	110.0 110.0	30.0	0.150	0.00108	0.00	0.061 0.020	
12	P17	N16	N17	0.00000	P P	110.0	5.1	0.150	0.00038	0.00	0.020	
13	P18	N4	N18	0.00000	P	110.0	20.1	0.100	0.00324	0.07	0.413	
14	P19	N18	N19	0.00000	P	110.0	15.0	0.100	0.00324	0.05	0.413	
15	P20	N19	N20	0.00000	P	110.0	34.1	0.080	0.00200	0.14	0.398	
16 17	P21 P22	N20 N21	N21 N22	0.00000	P P	110.0 110.0	43.1	0.080	0.00152	0.10	0.303	
17	P22 P23	N21 N22	N22 N23	0.00000	P P	110.0	16.0 9.6	0.080	0.00104	0.02	0.207	
19	P24	N19	N24	0.00000	P	110.0	22.0	0.080	0.00076	0.00	0.151	
20	P25	N24	N25	0.00000	P	110.0	10.2	0.080	0.00048	0.00	0.095	
21	P26	N24	N26	0.00000	P	110.0	15.9	0.025	0.00028	0.47	0.564	
22	P27	N26	N27	0.00000	P	110.0	8.9	0.025	0.00036	0.43	0.733	
23 24	P28 P29	N26 N28	N28 N29	0.00000	P P	110.0	<u>11.3</u> 6.1	0.025	-0.00008	-0.04	-0.169	
24	P29 P30	N28 N29	N29	0.00000	P P	110.0	10.4	0.025	-0.00008	-0.02 -0.17	-0.169 -0.413	
26	P31	N6	N31	0.00000	P	110.0	29.9	0.100	0.00258	0.06	0.328	
27	P32	N31	N32	0.00000	P	110.0	10.5	0.100	0.00222	0.02	0.282	
28	P33	N32	N33	0.00000	P	110.0	18.2	0.100	0.00186	0.02	0.236	
29	P34	N33	N34	0.00000	P	110.0	45.5	0.080	0.00162	0.12	0.322	
30 31	P7 P8	N7 N8	N8 N9	0.00000	<u>Р</u> Р	110.0 110.0	9.0 9.3	0.100	0.00232	0.02	0.296 0.199	
32	P35	N9	N35	0.00000	P	110.0	3.6	0.080	0.00156	0.01	0.199	
33	P36	N35	N36	0.00000	P	110.0	10.8	0.080	0.00108	0.01	0.215	
34	P37	N36	N37	0.00000	P	110.0	3.2	0.080	0.00084	0.00	0.167	
35	P38	N37	N38	0.00000	P	110.0	27.4	0.080	0.00048	0.01	0.095	
36	P39	N36	N39	0.00000	<u> </u>	110.0	18.3	0.025	0.00024	0.42	0.489	
37 38	P40 P41	N37 N40	N40 N41	0.00000	P P	110.0 110.0	9.3 28.3	0.025	0.00036 0.00030	0.45	0.733	
39	P41 P42	N8	N41 N42	0.00000	P	110.0	15.3	0.023	0.00030	0.97	0.168	
40	P43	N42	N43	0.00000	P	110.0	8.7	0.080	0.00072	0.01	0.100	
41	P44	N43	N44	0.00000	Р	110.0	30.5	0.080	0.00060	0.01	0.120	
42	P45	N44	N45	0.00000	P	110.0	8.0	0.080	0.00036	0.00	0.072	
43	P46 P47	N45 N34	N34 N46	0.00000 0.00000	P P	110.0 110.0	14.1 4.3	0.080	0.00012	0.00	0.024	
44 45	P47 P48	N34 N46	N40 N47	0.00000	P P	110.0	4.3	0.080	0.00126	0.01	0.251	
46	P49	N47	N48	0.00000	P	110.0	8.9	0.080	0.00120	0.01	0.239	
47	P50	N48	N49	0.00000	Р	110.0	14.6	0.080	0.00048	0.00	0.095	
48	P51	N49	N50	0.00000	P	110.0	20.5	0.080	0.00036	0.00	0.072	
49	P52	N32	N51	0.00000	P	110.0	13.7	0.025	0.00012	0.09	0.244	
50 51	P53 P54	N51 N52	N52 N53	0.00000	P P	110.0 110.0	4.8	0.025	0.00009 0.00006	0.02	0.183	
52	P55	N31	N54	0.00000	P	110.0	28.0	0.025	0.00012	0.02	0.122	
53	P56	N9	N10	0.00000	P	110.0	8.7	0.100	-0.00104	0.00	-0.133	
54	P57	N10	N55	0.00000	Р	110.0	10.1	0.100	0.00033	0.00	0.042	
55	P13	N14	N13	0.00000	P	110.0	33.3	0.050	0.00024	0.03	0.122	
56	P5_2	N56	N6	0.00000 0.00000	P P	110.0	36.0	0.100	0.00762	0.57	0.970	ļ
57 58	P3 P58	N3 N58	N57 N4	0.00000	P P	110.0 110.0	33.5 6.4	0.150 0.150	0.01200 0.01176	0.17	0.679 0.665	
50	1.00	11.00		0.00000		110.0	U. 4	0.150	0.01170	0.05	0.005	
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Node data, Liquica

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30	Node Name N3 N4 N5 N6 N9 N10 N11 N12 N13 N14 N15 N16 N17 N18 N22 N33 N34 N35 N37 N38 N42 N46	Source Head (m) 128.00	Demand (m ³ /s) 0.00012 0.00000 0.00000 0.00000 0.00000 0.00000 0.00000 0.00000 0.00002 0.00024 0.00024 0.00024 0.00024 0.00024 0.00000	Altitude (m) 31.00 31.00 32.00 32.00 44.00 80.00 128.00 80.00 33.00 33.00 88.00 34.00 33.00 88.00 33.00 88.00	X Coordinates 154.0 138.4 128.7 126.1 128.8 104.4 100.6 95.7 102.4 95.6 75.6 67.6	Y Coordinates 11.0 18.0 29.5 30.2 49.2 52.0 57.3 52.7 32.4 32.8 57.2	Total Head (m) 121.53 121.54 121.55 121.55 182.12 179.93 128.00 179.28 121.61 121.61	Pressure Head (m) 90.53 90.54 89.55 138.12 99.93 0.00 99.28 88.61 88.61	Source Inflow (m ³ /s)
2 3 4 5 6 7 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30	N4 N5 N6 N9 N10 N11 N12 N13 N14 N15 N16 N17 N18 N22 N33 N34 N35 N37 N38 N42	128.00	0.00012 0.00000 0.00012 0.00000 0.00000 0.00000 0.00000 0.00012 0.00024 0.00024 0.00024 0.00024 0.00024	31.00 32.00 32.00 44.00 80.00 128.00 80.00 33.00 33.00 88.00 34.00 33.00	138.4 128.7 126.1 128.8 104.4 100.6 95.7 102.4 95.6 75.6 67.6	18.0 29.5 30.2 49.2 52.0 57.3 52.7 32.4 32.8	121.54 121.55 121.55 182.12 179.93 128.00 179.28 121.61 121.61	90.54 89.55 89.55 138.12 99.93 0.00 99.28 88.61 88.61	0.00312
2 3 4 5 6 7 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30	N4 N5 N6 N9 N10 N11 N12 N13 N14 N15 N16 N17 N18 N22 N33 N34 N35 N37 N38 N42	128.00	0.00000 0.00012 0.00000 0.00000 0.00000 0.00000 0.00012 0.00024 0.00024 0.00024 0.00024 0.00024	32.00 32.00 44.00 80.00 128.00 80.00 33.00 33.00 88.00 34.00 33.00	128.7 126.1 128.8 104.4 100.6 95.7 102.4 95.6 75.6 67.6	29.5 30.2 49.2 52.0 57.3 52.7 32.4 32.8	121.55 121.55 182.12 179.93 128.00 179.28 121.61 121.61	89.55 89.55 138.12 99.93 0.00 99.28 88.61 88.61	0.00312
3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30	N5 N6 N9 N10 N11 N12 N13 N14 N15 N16 N17 N18 N22 N33 N34 N35 N37 N38 N42	128.00	0.00012 0.00000 0.00000 0.00000 0.00000 0.00012 0.00024 0.00024 0.00024 0.00024 0.00024	32.00 44.00 80.00 128.00 33.00 33.00 88.00 34.00 33.00	126.1 128.8 104.4 100.6 95.7 102.4 95.6 75.6 67.6	30.2 49.2 52.0 57.3 52.7 32.4 32.8	121.55 182.12 179.93 128.00 179.28 121.61 121.61	89.55 138.12 99.93 0.00 99.28 88.61 88.61	0.00312
5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30	N9 N10 N11 N12 N13 N14 N15 N16 N17 N18 N22 N33 N34 N35 N37 N38 N42	128.00	0.00000 0.00000 0.00000 0.00002 0.00024 0.00720 0.00024 0.00024 0.00024 0.00024	44.00 80.00 128.00 33.00 33.00 88.00 34.00 33.00	128.8 104.4 100.6 95.7 102.4 95.6 75.6 67.6	49.2 52.0 57.3 52.7 32.4 32.8	182.12 179.93 128.00 179.28 121.61 121.61	138.12 99.93 0.00 99.28 88.61 88.61	0.00312
6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 30	N10 N11 N12 N13 N14 N15 N16 N17 N18 N22 N33 N34 N35 N37 N38 N42	128.00	0.00000 0.00000 0.00002 0.00024 0.00720 0.00024 0.00024 0.00024 0.00024	80.00 128.00 80.00 33.00 33.00 88.00 34.00 33.00	104.4 100.6 95.7 102.4 95.6 75.6 67.6	52.0 57.3 52.7 32.4 32.8	179.93 128.00 179.28 121.61 121.61	99.93 0.00 99.28 88.61 88.61	0.00312
7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30	N11 N12 N13 N14 N15 N16 N17 N18 N22 N33 N33 N33 N35 N37 N38 N42	128.00	0.00000 0.00000 0.00012 0.00024 0.00720 0.00024 0.00024 0.00024 0.00000 0.00024	128.00 80.00 33.00 33.00 88.00 34.00 33.00	100.6 95.7 102.4 95.6 75.6 67.6	57.3 52.7 32.4 32.8	128.00 179.28 121.61 121.61	0.00 99.28 88.61 88.61	0.00312
8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 30	N12 N13 N14 N15 N16 N17 N18 N22 N33 N32 N33 N34 N35 N37 N38 N42	128.00	0.00000 0.00012 0.00024 0.00720 0.00024 0.00024 0.000024 0.00000 0.00024	80.00 33.00 33.00 88.00 34.00 33.00	95.7 102.4 95.6 75.6 67.6	52.7 32.4 32.8	179.28 121.61 121.61	99.28 88.61 88.61	0.00312
9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30	N13 N14 N15 N16 N17 N18 N22 N33 N34 N35 N37 N38 N42		0.00012 0.00024 0.00720 0.00024 0.00024 0.000024 0.00000 0.00024	33.00 33.00 88.00 34.00 33.00	102.4 95.6 75.6 67.6	32.4 32.8	121.61 121.61	88.61 88.61	
10 11 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30	N14 N15 N16 N17 N18 N22 N33 N34 N35 N37 N38 N42		0.00024 0.00720 0.00024 0.00024 0.00000 0.00024	33.00 88.00 34.00 33.00	95.6 75.6 67.6	32.8	121.61	88.61	
11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30	N15 N16 N17 N18 N22 N33 N34 N35 N37 N38 N42		0.00720 0.00024 0.00024 0.00000 0.00024	88.00 34.00 33.00	75.6 67.6	57.2	121.01	10.66	
12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30	N16 N17 N18 N22 N33 N34 N35 N37 N38 N42		0.00024 0.00024 0.00000 0.00024	34.00 33.00	67.6		172.94	84.94	
13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30	N17 N18 N22 N33 N34 N35 N37 N38 N42		0.00024 0.00000 0.00024	33.00		40.5	79.44	45.44	<u> </u>
14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30	N18 N22 N33 N34 N35 N37 N38 N42		0.00000 0.00024	88.00	79.6	35.6	121.55	88.55	
15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30	N22 N33 N34 N35 N37 N38 N42		0.00024		85.1	54.6	178.69	90.69	
16 17 18 19 20 21 22 23 24 25 26 27 28 29 30	N33 N34 N35 N37 N38 N42			33.00	84.8	33.4	121.57	88.57	
17 18 19 20 21 22 23 24 25 26 27 28 29 30	N34 N35 N37 N38 N42			100.00	78.3	62.3	177.60	77.60	
18 19 20 21 22 23 24 25 26 27 28 29 30	N35 N37 N38 N42		0.00000	169.40	77.3	66.2	177.62	8.22	1
19 20 21 22 23 24 25 26 27 28 29 30	N37 N38 N42		0.00000	100.00	84.2	77.4	281.21	181.21	
20 21 22 23 23 24 25 26 27 28 29 30	N38 N42		0.00024	34.00	63.9	32.7	79.13	45.13	
21 22 23 24 25 26 27 28 29 30	N42		0.00024	34.00	54.8	41.0	78.82	44.82	
22 23 24 25 26 27 28 29 30	N46		0.00024	34.00	50.1	45.5	78.71	44.71	
23 24 25 26 27 28 29 30			0.00024	34.00	59.2	58.5	177.54	143.54	
24 25 26 27 28 29 30	N47		0.00024	34.00	52.9	51.9	177.31	143.31	
26 27 28 29 30	N48		0.00072	38.00	40.7	64.7	176.95	138.95	
27 28 29 30	N50		0.00048	82.00	25.76	68.3	176.79	94.79	· · · · · ·
28 29 30	N51		0.00024	82.00	19.2	68.4	176.76	94.76	
29 30	N52		0.00036	82.00	16.9	71.6	176.74	94.74	
30	N53		0.00024	82.00	13.5	71.6	176.74	94.74	
	N55		0.00012	40.00	68.7	59.3	177.58	137.58 89.61	
	N56		0.00012	32.00	113.3	31.3 80.6	121.61 281.40	181.40	0.00400
31	N63	281.40	0.00000	100.00 69.80	85.0 101.2	57.5	272.16	202.36	0.00400
32	N69 N70		0.00500 0.00000	69.80	101.2	52.7	272.22	212.22	
33 34	N70 N71		0.00000	60.00	100.5	52.5	272.22	212.22	
35	N72	<u> </u>	0.00000	55.00	129.3	49.7	272.57	217.57	
36	N72 N73		0.00000	40.00	127.3	35.3	272.74	232.74	
37	N74		0.00000	45.00	151.9	30.9	273.05	228.05	
38	N61	183.30	0.00000	73.30	126.9	36.2	183.30	110.00	0.01468
39	N76		0.00000	273.35	161.3	52.1	273.33	-0.02	
40	N77	273.35		273.35	162.8	51.8	273.35	0.00	0.00500
41	N2		0.00012	30.00	161.0	7.9	121.53	91.53	
42	N78		0.00024	30.00	42.2	44.8	78.69	48.69	
43	N79		0.00024	30.00	28.0	45.1	78.67	48.67	· · · · ·
44	N80		0.00024	30.00	14.6	46.4	78.67	48.67	
45	N81		0.00000	80.00	76.8	61.4	177.89	97.89	
46	N82		0.00000	110.00	86.2	59.5	178.41	68.41	
47	N83		0.00120	120.00	90.3	60.1	177.59	57.59	
48	N19		0.00024	60.00	64.1	43.1	121.53	61.53	+
49	N21	00.00	0.00024	50.00	53.6	51.2	121.53	71.53	0.00216
50	N90	80.30	0.00000	80.30	75.4	56.9	80.30 79.38	0.00 49.38	0.00210
51	N91		0.00048	30.00 33.00	72.1 99.0	29.8 32.6	121.61	<u>49.38</u> 88.61	
52	N93		0.00000		99.0	47.1	127.95	54.65	
53	N94	<u> </u>	0.00000 0.00048	73.30 72.00	99.8	47.1	127.95	55.78	
54	N95 N96		0.00048	68.00	98.5	47.5	127.39	59.39	
55 56	N96 N97		0.00024	62.00	98.5	41.9	127.26	65.26	
57	N97 N98		0.00024	50.00	93.8	36.8	127.20	77.20	
57	N98 N49		0.00024	45.00	0.5	71.3	176.74	131.74	
58	N99		0.00024	80.00	99.6	52.4	179.49	99.49	
60	N100	<u> </u>	0.00340	128.00	99.9	57.5	179.46	51.46	
61	N101		0.00400	169.40	77.3	66.7	280.45	111.05	
<u> </u>							-		
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Pipe data, Liquica

			an an S	Input Data					Results	Greek and Angel		
NO	Pipe Name	Start Node	End Node	Demand (m ³ /s)	Type Pipe: P Pump:PM Valve: V Red. V : VA Fix Head : E	Roughness Coeff. Coeff. A Loss Coeff. Start(S)/End(E)	Length(m) Coeff. B Head(m)	Diameter(m) Coeff. C Diameter(m) Diameter(m)	Flow (m³/s)	Head Loss (m)	Veloc. (m/s)	Loss Coeff.
1	P3	N3	N4	0.00000	Fix Flow : J P	Head Loss (m) 110.0	205.1	0.100	0.00024	0.01	0.021	
2	P4	N4	N5	0.00000	P	110.0	181.4	0.100	-0.00024 -0.00036	-0.01	-0.031 -0.046	
3	P5	N5	N6	0.00000	P	110.0	31.4	0.100	-0.00036	0.00	-0.046	
4	P9	N9	N10	0.00000	Р	110.0	294.6	0.150	0.01468	2.20	0.831	
5	P15	N90	N16	0.00000	P	110.0	218.7	0.075	0.00168	0.86	0.380	
6	P17	N18	N12	0.00000	Р	110.0	129.8	0.150	-0.01128	-0.59	-0.638	
7	P27	N22	N14	0.00000	· P	110.0	130.0	0.100	-0.00096	-0.04	-0.122	
8	P37 P38	N33 N101	N34 N35	0.00000	P	110.0	48.9	0.100	-0.00120	-0.03	-0.153	
10	P38 P41	N101 N16	N35 N37	0.00000	P P	110.0 110.0	157.9 103.3	0.100 0.075	-0.00400	-0.76	-0.509	
11	P42	N37	N38	0.00000	P	110.0	105.5	0.075	0.00144	0.31 0.31	0.326	
12	P47	N42	N38	0.00000	P	110.0	78.1	0.075	-0.00096	-0.11	-0.212	
13	P54	N47	N48	0.00000	P	110.0	212.5	0.100	0.00228	0.36	0.290	
14	P57	N50	N51	0.00000	Р	110.0	78.6	0.100	0.00108	0.03	0.138	
15	P58	N51	N52	0.00000	Р	110.0	47.4	0.100	0.00084	0.01	0.107	
16	P59	N52	N53	0.00000	P	110.0	40.5	0.100	0.00048	0.00	0.061	
17	P62	N55	N34	0.00000	P	110.0	132.2	0.150	-0.00288	-0.05	-0.163	
18 19	P63 P69	N6 N35	N56	0.00000	P	110.0	154.6	0.075	-0.00048	-0.06	-0.109	
20	P78	N55 N69	N63 N70	0.00000 0.00000	P P	110.0	39.3	0.100	-0.00400	-0.19	-0.509	
20	P79	N70	N70 N71	0.00000	P P	110.0 110.0	58.6 46.0	0.150 0.150	-0.00500	-0.06	-0.283	
22	P80	N71	N72	0.00000	P	110.0	297.1	0.150	-0.00500	-0.05 -0.30	-0.283 -0.283	
23	P81	N72	N73	0.00000	P	110.0	174.5	0.150	-0.00500	-0.30	-0.283	
24	P82	N73	N74	0.00000	P	110.0	299.9	0.150	-0.00500	-0.18	-0.283	
25	P83	N74	N76	0.00000	Р	110.0	278.8	0.150	-0.00500	-0.28	-0.283	
26	P10	N56	N13	0.00000	Р	110.0	131.6	0.150	-0.00060	0.00	-0.034	
27	P11	N13	N93	0.00000	Р	110.0	40.7	0.150	-0.00072	0.00	-0.041	
28	P8_2	N61	N9	0.00000	P	110.0	157.8	0.150	0.01468	1.18	0.831	
29 30	P85 P2	N76	N77	0.00000	P	110.0	17.3	0.150	-0.00500	-0.02	-0.283	
31	P2 P86	N3 N42	N2 N78	0.00000	P P	110.0	91.9	0.100	0.00012	0.00	0.015	
32	P87	N78	N79	0.00000	P P	<u>110.0</u> 110.0	96.4 170.1	0.100	0.00072	0.02	0.092	
33	P88	N79	N80	0.00000	P	110.0	161.9	0.100	0.00048	0.02	0.061 0.031	
34	P51	N55	N46	0.00000	P	110.0	114.2	0.150	0.0024	0.00	0.051	
35	P48	N34	N15	0.00000	P	110.0	110.0	0.080	0.00720	4.68	1.432	
36	P18	N34	N81	0.00000	Р	110.0	57.8	0.150	-0.01128	-0.26	-0.638	
37	P13	N81	N82	0.00000	Р	110.0	114.9	0.150	-0.01128	-0.53	-0.638	
38	P14	N82	N18	0.00000	Р	110.0	59.7	0.150	-0.01128	-0.27	-0.638	
39	P16	N33	N83	0.00000	P	110.0	146.7	0.150	0.00120	0.01	0.068	
<u>40</u> 41	P19 P21	N17 N19	N19 N21	0.00000	P	110.0	207.1	0.100	0.00048	0.02	0.061	
41	P20	N19 N22	N17	0.00000	P P	110.0 110.0	158.4 67.9	0.100	0.00024	0.00	0.031	
43	P28	N90	N91	0.00000	P P	110.0	328.3	0.100	0.00072 0.00048	0.01	0.092	
44	P11_2	N93	N14	0.00000	P	110.0	40.7	0.050	0.00048	0.92	0.244 0.068	
45	P22	N11	N94	0.00000	P	110.0	122.7	0.150	0.00120	0.00	0.008	
46	P23	N94	N93	0.00000	Р	110.0	173.8	0.050	0.00192	6.33	0.978	
47	P12	N12	N99	0.00000	Р	110.0	46.0	0.150	-0.01128	-0.21	-0.638	
48	P24	N94	N95	0.00000	P	110.0	11.1	0.050	0.00120	0.17	0.611	
49	P26	N95	N96	0.00000	P	110.0	65.0	0.050	0.00072	0.39	0.367	
50 51	P25 P29	N96 N97	N97 N98	0.00000	P	110.0	48.7	0.050	0.00048	0.14	0.244	
52	P29 P53	N97 N46	N98 N47	0.00000	P P	110.0	65.2	0.050	0.00024	0.05	0.122	
53	P55	N48	N50	0.00000	P P	110.0 110.0	109.4 184.6	0.100	0.00252	0.23	0.321	
54	P56	N53	N49	0.00000	P :	110.0	155.5	0.100	0.00156 0.00024	0.16	0.199	
55	P12_2	N99	N10	0.00000	P	110.0	58.5	0.100	-0.01468	0.00	0.031	
56	P92	N99	N100	0.00000	P	110.0	61.9	0.150	0.00340	0.03	0.192	